#### HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

### **SERVICE MANUAL**

# MA1 CHASSIS

MODEL NAME	REMOTE COMMANDER	<u>DESTINATION</u>	
KDL-26M3000	RM-YD021	US/CANADA	
KDL-26M3000	RM-YD021	LATIN NORTH/LATIN SOUTH	
KDL-26ML130	RM-YD021	US/CANADA	
KDL-32M3000	RM-YD021	US/CANADA	
KDL-32M3000	RM-YD021	LATIN NORTH/LATIN SOUTH	
KDL-32ML130	RM-YD021	US/CANADA	

#### ORIGINAL MANUAL ISSUE DATE: 7/2007

:UPDATED ITEM

7/2007 No revisions or updates are applicable at this time.
9/2007 PC Audio Input specification updated. Replaced Page 4.
Added Battery Cover PN for Remote Commander. Replaced Page 93.

LCD DIGITAL COLOR TELEVISION SONY.



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KDL-32M3000	RM-YD021	LATIN NORTH/LATIN SOUTH	
KDL-32ML130	RM-YD021	US/CANADA	





RM-YD021

LCD DIGITAL COLOR TELEVISION



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#### **SPECIFICATIONS**

Power Requirements 120V AC, 60Hz

220V, 50/60 Hz (Chile, Perú)

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation) Impedance:47 kilohms

**COMPONENT IN 1/2** 

YP<sub>B</sub>P<sub>D</sub> (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative

 $P_B$ :0.7 Vp-p, 75 ohms  $P_B$ :0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i

**AUDIO** 

500 mVrms (100% modulation) Impedance: 47 kilohms

**HDMI IN 1/2**:

HDMI: Video:480i, 480p, 720p, 1080i

Audio: Two channel linear PCM 32, 44.1 and

48 kHz, 16, 20 and 24 bits

AUDIO: (HDMI IN 2 only) 500 mVrms (100% modulation)

Impedance: 47 kilohms

**AUDIO OUT:** 

500 mVrms (100% modulation)

More than 1 Vrms at the maximum volume setting (Variable)

More than 500 mVrms (Fixed)

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms, 47 kilohm

HEADPHONES:

Stereo mini jack Impedance: ≥ 16 ohms

#### **Trademark Information**

Manufactured under license from Dolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories.

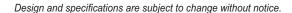
This TV incorporates High-Definition Multimedia Interface (HDMI $^{\rm TM}$ ) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Blu-ray is a trademark. "BRAVIA" and BRAVIA,  $\blacksquare$ , and PS3 are trademarks or registered marks of Sony Corporation.









r				ı	
	KDL-26M3000	KDL-26ML130	KDL-32M3000	KDL-32ML130	
Power Consumption					
in use	13	5W	170	170W	
in standby		Less th	nan 1W		
Speaker Output (W)		10W -	+ 10W		
mm			35 mm		
in		5 <sup>3/4</sup> x	1 <sup>3/8</sup> in		
Dimensions (W x H x D) with stand					
mm m	662 x 515 x 214 mm		796 x 590 x 214 mm		
in	4/0 0/0 4/0		$31^{3/8} \times 23^{1/4} \times 8^{1/2}$ in		
Dimensions (W x H x D)					
without stand					
mm		x 108 mm		x 100 mm	
in	26 <sup>1/8</sup> x 18	<sup>1/2</sup> x 4 <sup>3/8</sup> in	31 <sup>3/8</sup> x 2′	1 <sup>1/2</sup> x 4 in	
Mass					
with stand					
kg	13 kg		16 kg		
lbs	29 lbs		36 lbs		
without stand					
kg	11 kg		14 kg		
lbs	25 lbs		31 lbs		

All measurements are approximations.

#### **Television system**

NTSC American TV Standard

ATSC (8VSB terrestrial) ATSC compliant 8VSB

QAM on cable: ANSI/SCTE 07 2000

#### Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

#### Antenna

75-ohm external terminal for VHF/UHF

#### **Panel System**

LCD (Liquid Crystal Display) Panel

#### Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

#### Screen Size (measured diagonally)

approx. 26 inches (KDL-26M3000/26ML130 Only) approx. 31.5 inches (KDL-32M3000/32ML130 Only)

#### **Supplied Accessories**

Remote Commander RM-YD021

Two Size AA (R6) Batteries

AC Power Cord

Suport Belt, Securing Screw, and Wood Screw

Cable Holder

Operating Instructions
Quick Setup Guide

Mannanti Cand

Warranty Card

Online Registration Card

Wall-Mount Instructions

#### **Optional Accessories**

Headphones Plug Adapter

**Connecting Cables** 

Wall-Mount Bracket

SU-WL100 (KDL-26M3000/26ML130 Only)

SU-WL500 (KDL-32M3000/32ML130 Only)

HD15-HD15 Cable

75-ohm Coaxial Cable

#### **WARNINGS AND CAUTIONS**

#### **CAUTION**

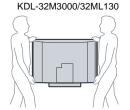
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

#### **CARRYING THE TV**

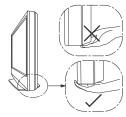
To avoid dropping the TV and causing serious injury, be sure to follow these quidelines:

- ☐ Before carrying the TV, disconnect all cables.
- $\hfill \square$  Carrying the large size TV requires two or more people.
- ☐ When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

KDL-26M300026ML130



When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.



 When carrying, do not subject the TV to shocks or vibration, or excessive force.

#### **WARNING!!**

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.



#### **SAFETY-RELATED COMPONENT WARNING!!**

Components identified by shading and  $\triangle$  mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

#### ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

#### **POUR TRANSPORTER LE TÉLÉVISEUR**

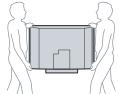
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- □ Avant de transporter le téléviseur, débranchez tous les câbles.
- $\hfill \square$  Le transport du téléviseur doit être effectué par au moins deux personnes.
- □ Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l'appareil. N'appliquez pas de pression sur l'écran ACL.

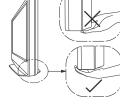
KDL-26M300026ML130



KDL-32M3000/32ML130



☐ Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.



☐ Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

Afin d'eviter tout risque d'electrocution provenant d'un chássis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le chássis de ce récepteur est directement raccordé à l'alimentation du secteur.

#### ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque  $ildе{\Lambda}$  sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

#### SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and  $\triangle$  mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

#### **USE CAUTION WHEN HANDLING THE LCD PANEL**

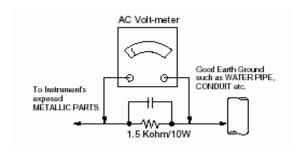
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

#### To avoid damaging the LCD panel:

- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

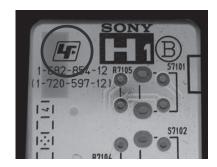
#### LEAKAGE CURRENT HOT CHECK CIRCUIT



#### example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [ see example ]. The servicing of these boards requires special precautions to be taken as outlined below.





It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers:

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to http://www.sony-training.com

#### **SAFETY CHECK-OUT**

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- 6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

- The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.
- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
- A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

#### How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

#### Leakage Test

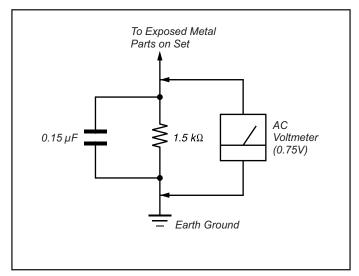


Figure A. Using an AC voltmeter to check AC leakage.

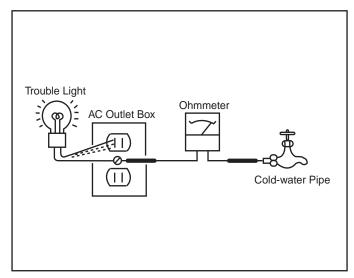


Figure B. Checking for earth ground.

#### **SELF-DIAGNOSTIC FUNCTION**

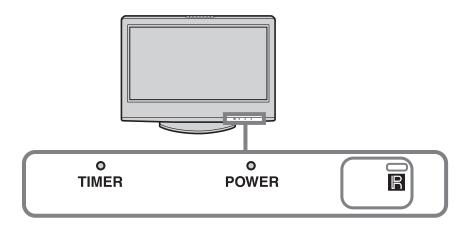


The units in this manual contain a self-diagnostic function. If an error occurs, the TIMER LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the TIMER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

#### 1. Diagnostic Test Indicators

When an error occurs, the TIMER LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

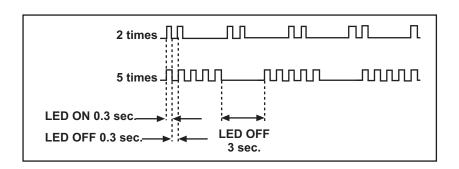
#### **Control Buttons**



#### **Description of LED Indictors**

LED	LED Type	Description	
POWER LED	Green LED	* Light is green when the TV set is on	
TIMER LED	Amber/Green/Red LED	* Light is green when the <b>Picture Off</b> feature is activated.  * Light is amber when the timer is set.  * Blinks red when indicating the TV may need servicing	

#### **Display of TIMER LED Flash Count**



#### Viewing the Self Check Diagnostic List

- 1. TV must be in standby mode. (Power off).
- 2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY Channel 5 Volume TV POWER.

The Self Check list displays. 

This is the SAME as accessing Service Adjustments.

Results for all of the following diagnostic items are displayed at the bottom of the screen. No error has occurred if the screen displays a "0".



2:	MAIN_POWER	0	6:	BL (Back Light)	0
3:	DC_ALERT1	0	7:	TEMP	1
4:	DC_ALERT2	0	7:	Audio	0
5:	DC_ALERT3	0			

← 0 indicates no error was detected

← 1 indicates an error was detected

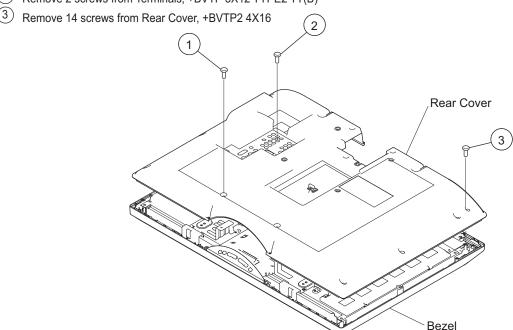
#### Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 — Channel 0.

#### **SECTION 1: DISASSEMBLY**

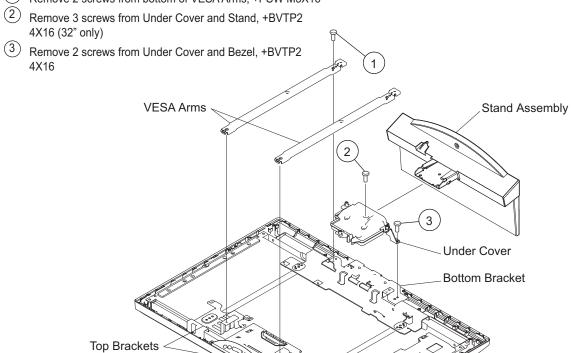
#### 1-1. REAR COVER REMOVAL

- (1) Remove 2 screws from Rear Cover arm positions, +PSW M5X16
- 2 Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 TT(B)



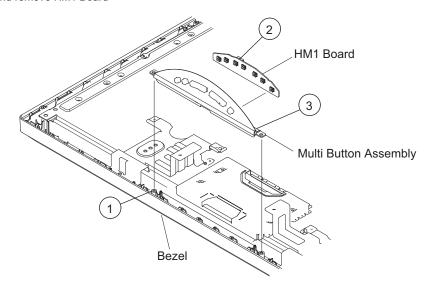
#### 1-2. ARM, UNDER COVER AND STAND REMOVAL

(1) Remove 2 screws from bottom of VESA Arms, +PSW M5X16



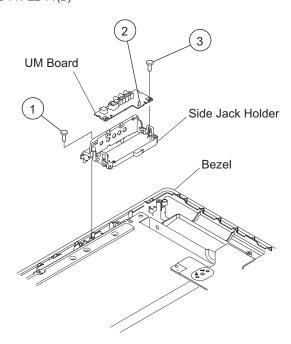
#### 1-3. HM1 BOARD REMOVAL

- 1 Remove from bezel
- 2 Disconnect one connector
- Release hooks and remove HM1 Board



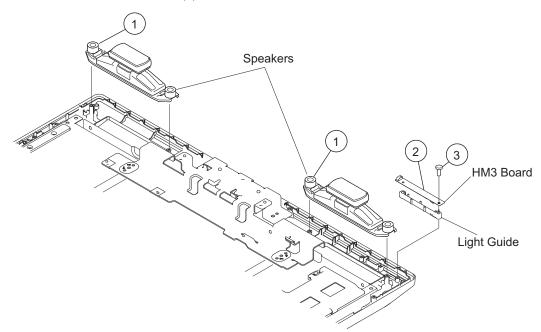
#### 1-4. UM BOARD AND JACK HOLDER REMOVAL

- 1 Remove one screw, +BVTP 3X12 TYPE2 TT(B)
- 2 Disconnect 2 connectors
- (3) Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



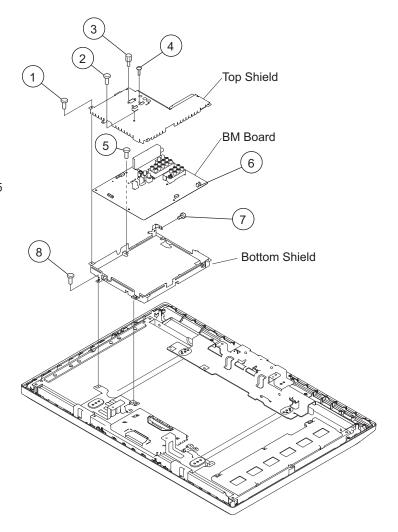
#### 1-5. SPEAKER, LIGHT GUIDE AND HM3 BOARD REMOVAL

- 1 Slide out Speakers from Bezel
- 2 Disconnect one connector
- (3) Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



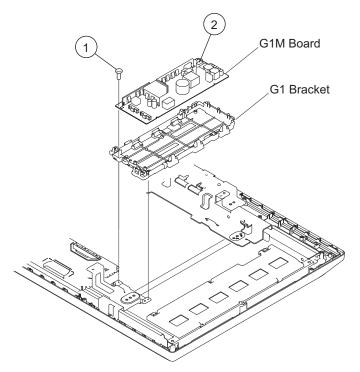
#### 1-6. BM BOARD REMOVAL

- 1 Remove 4 screws, +BVST 3X8
- 2 Remove 2 screws, +BVST 3X8
- 3 Remove 2 screws, HEX
- 4 Remove 2 screws, +PSW M3X5
- 5 Remove 7 screws, +BVST 3X8
- 6 Disconnect 8 connectors
- (7) Remove one screw, +PSW M3X5
- (8) Remove 4 screws, +PSW M3X5



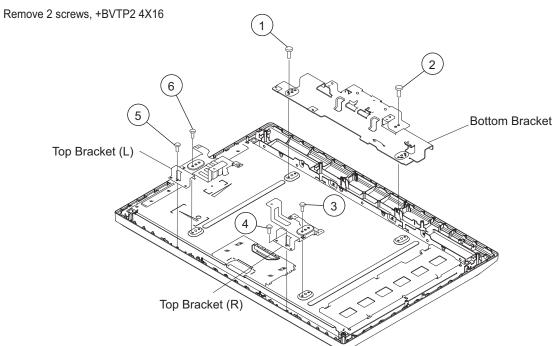
#### 1-7. G1 BRACKET AND G1M BOARD REMOVAL

- 1 Remove 3 screws (32"), 4 screws (26"), +PSW 3SG
- Disconnect 3 connectors



#### 1-8. VESA BRACKET REMOVAL

- 1 Remove 4 screws, +PSW M4X8
- 2 Remove 2 screws, +BVTP2 4X16
- 3 Remove 4 screws, +PSW M4X8
- 4 Remove 2 screws, +BVTP2 4X16
- 5 Remove 4 screws, +PSW M4X8

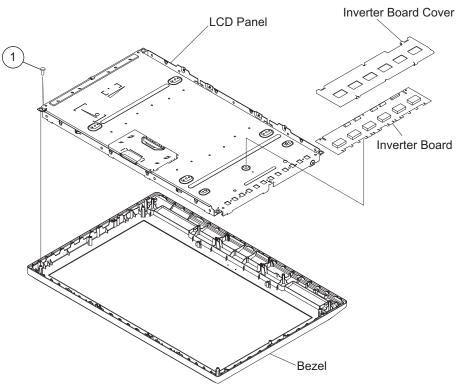


#### 1-9 LCD PANEL/BRACKET AND LED LIGHT GUIDE REMOVAL

#### **CAUTION:**

Be sure to identify the inverter cover screws before proceeding. DO NOT remove the screws securing the plastic strip holding the lamp sockets.

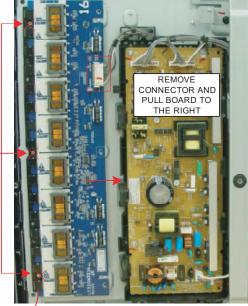
1 Remove 2 screws, +BVTP2 4X16



# REMOVE SCREWS SECURING SHIELD

#### **WARNING!**

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS. DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!



SHIELD REMOVAL

END VIEW

BACKLIGHT

SOCKET

INVERTER BOARD REMOVAL
Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example shown is a 32" model but applies to all models.

#### **WIRE DRESSING**

#### KDL-26M3000/26ML130 ONLY

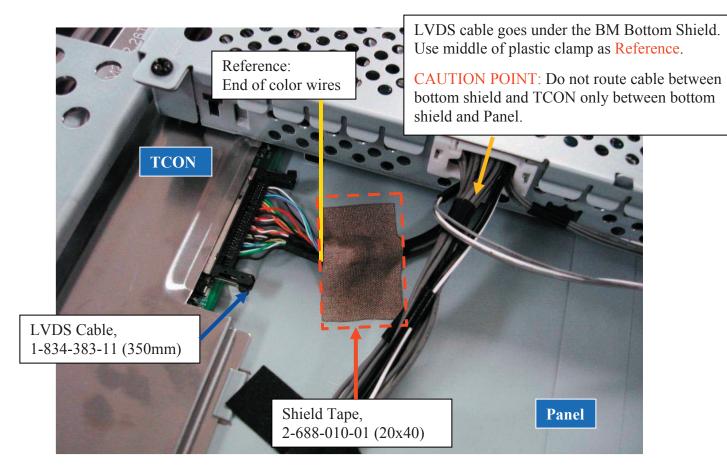
#### **OVERALL VIEW**



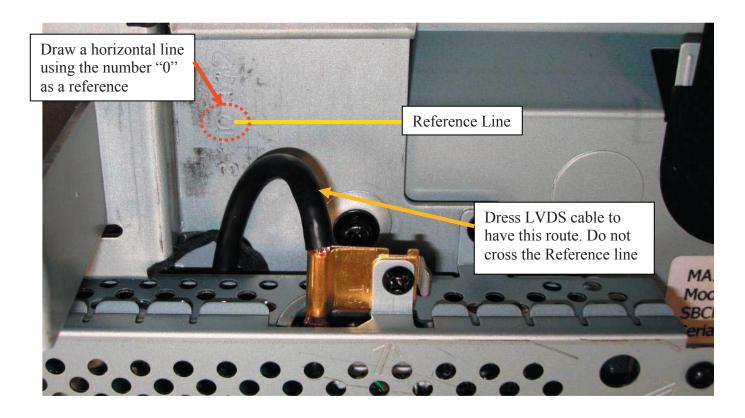
#### **GROUND CABLE**



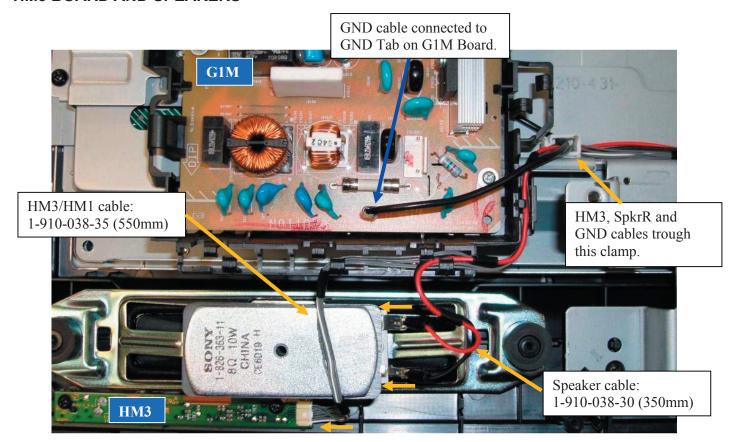
#### LVDS CONNECTOR



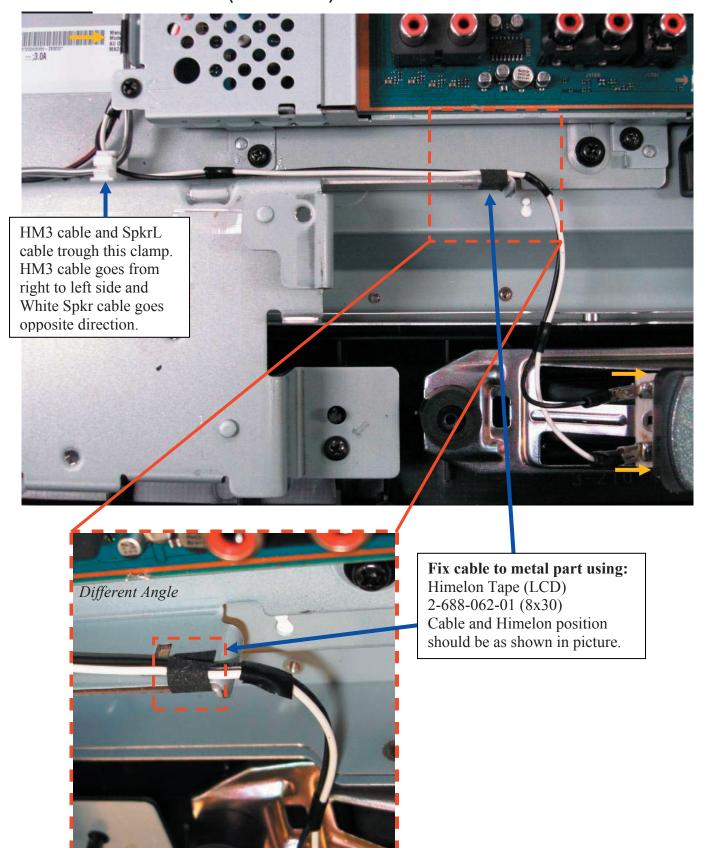
#### LVDS CONNECTOR (CONTINUED)



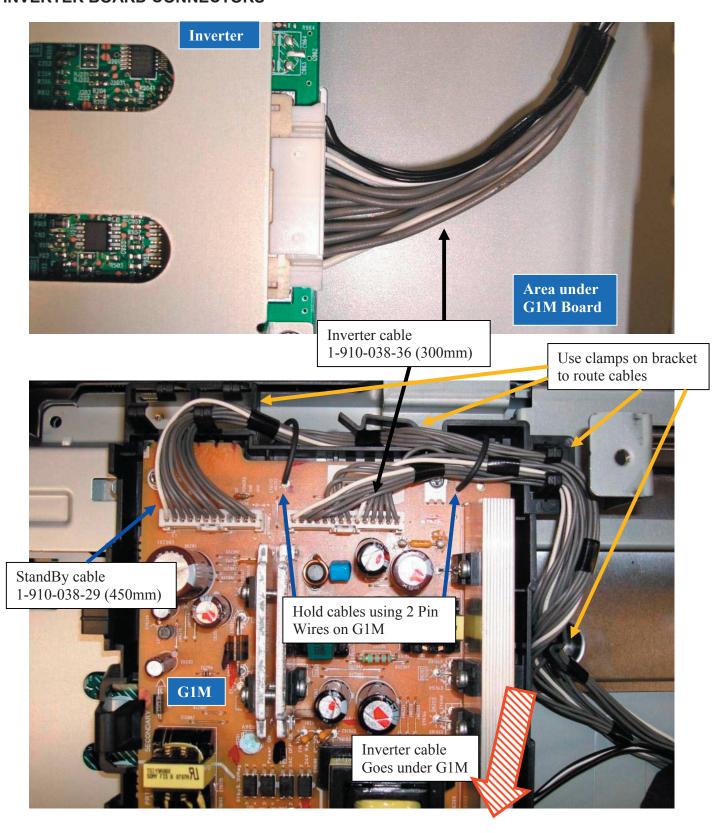
#### **HM3 BOARD AND SPEAKERS**



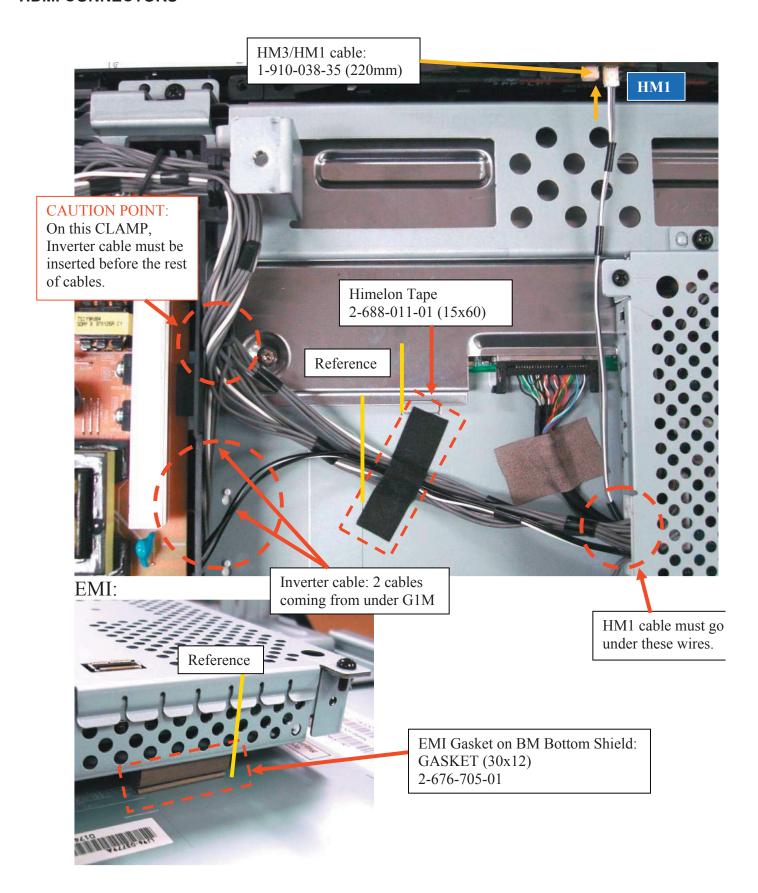
#### **HM3 BOARD AND SPEAKERS (CONTINUED)**



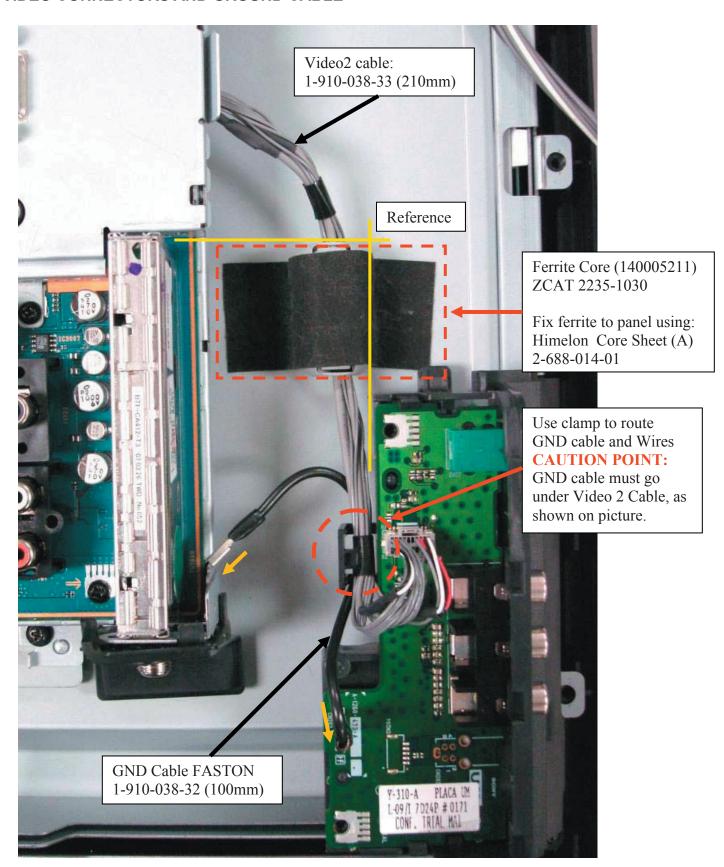
#### **INVERTER BOARD CONNECTORS**



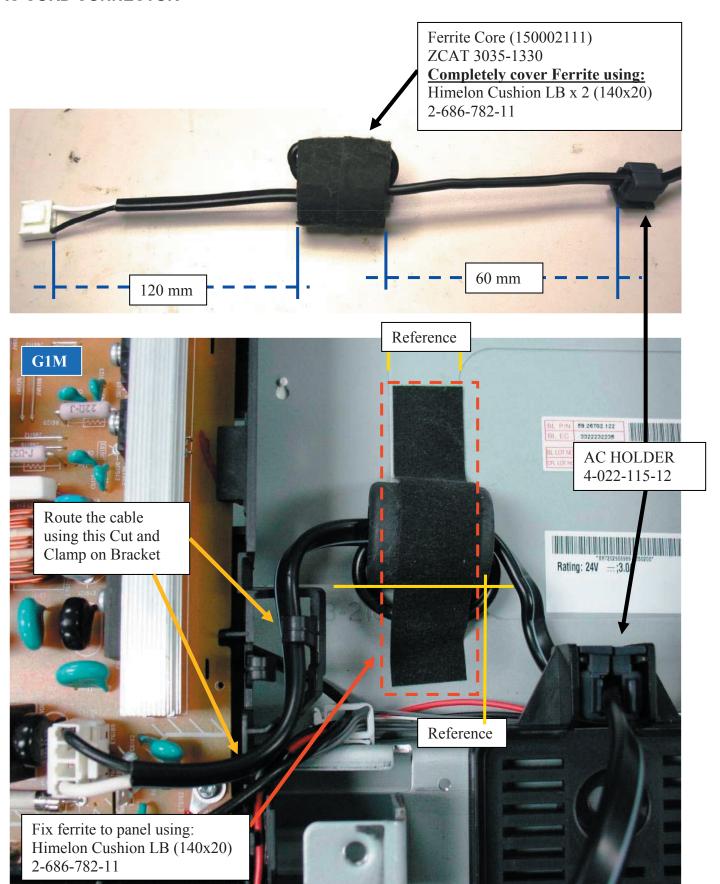
#### **HDMI CONNECTORS**



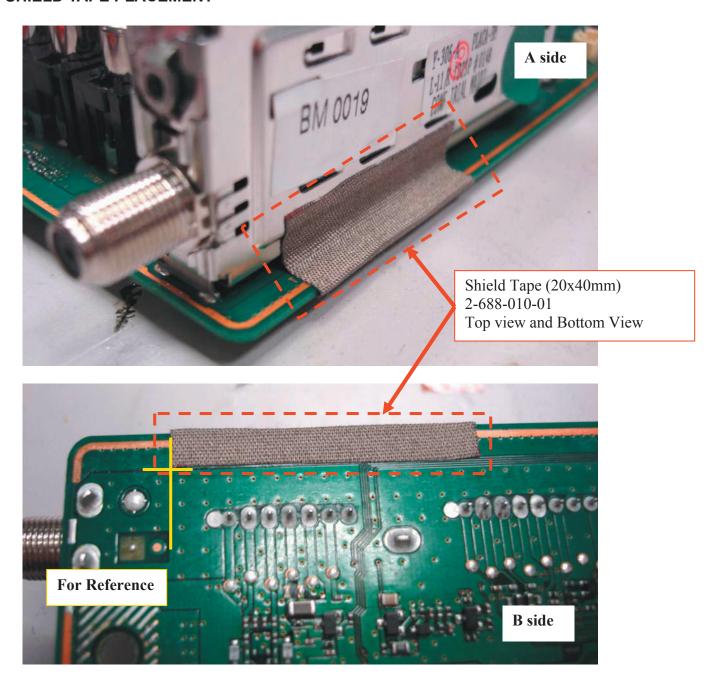
#### **VIDEO CONNECTORS AND GROUND CABLE**



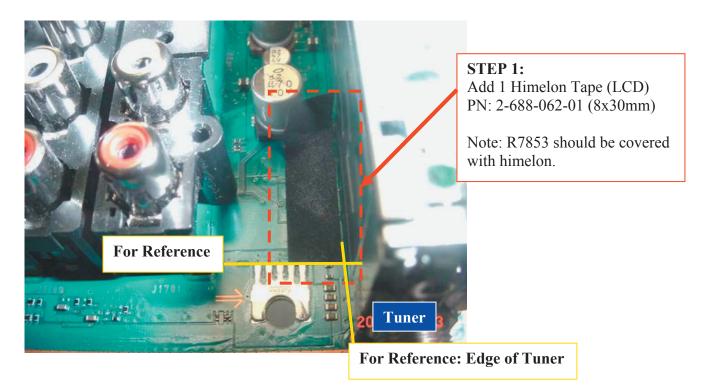
#### **AC CORD CONNECTOR**

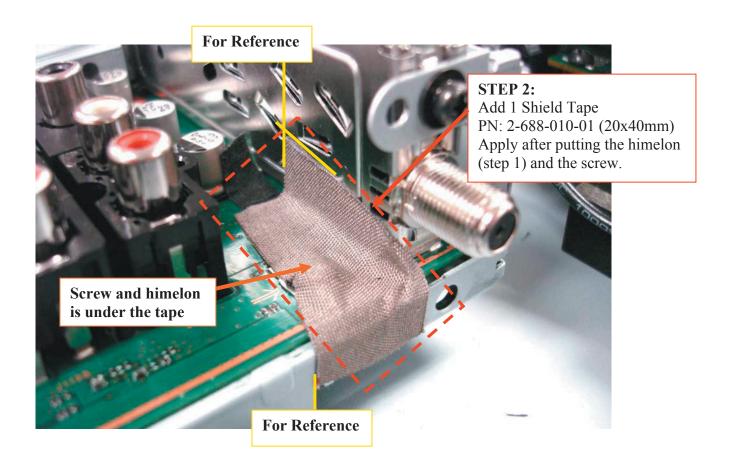


#### SHIELD TAPE PLACEMENT



#### SHIELD TAPE PLACEMENT (CONTINUED)



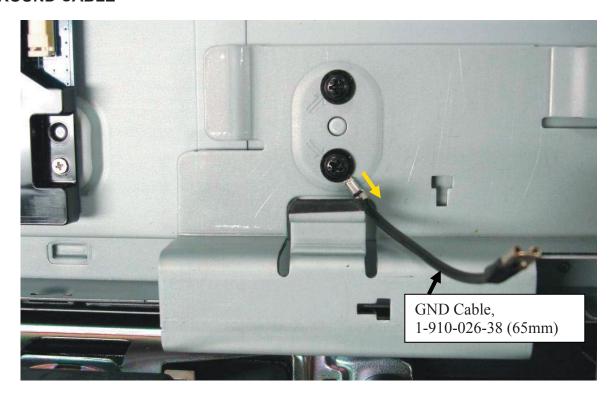


## KDL-32M3000/32ML130 ONLY OVERALL VIEW

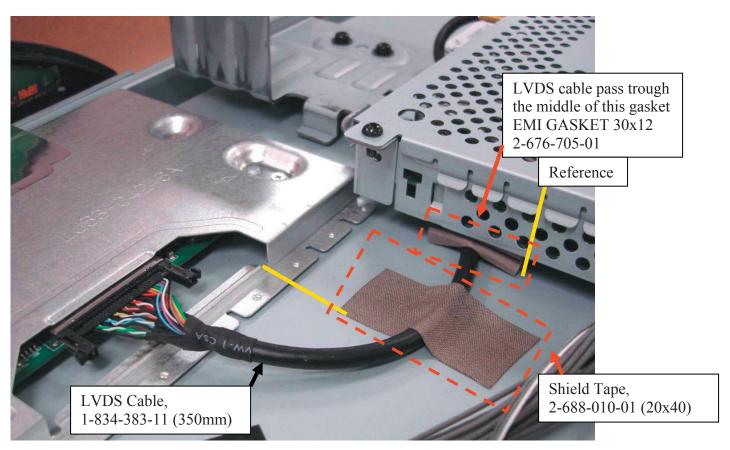


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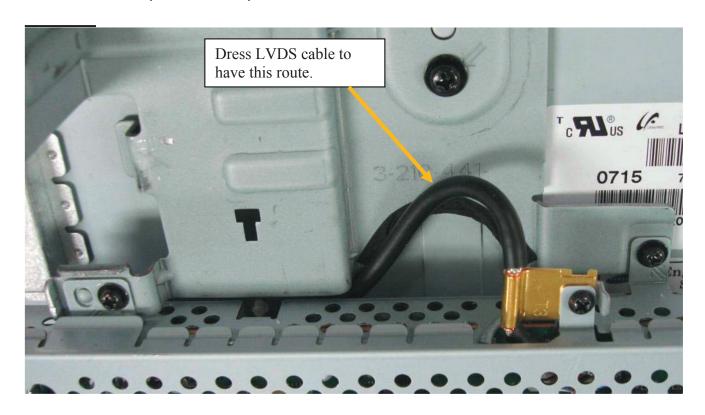
#### **GROUND CABLE**

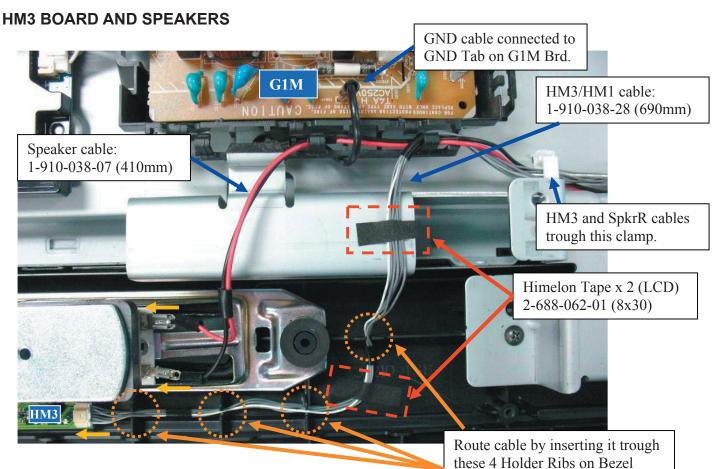


#### LVDS CONNECTOR

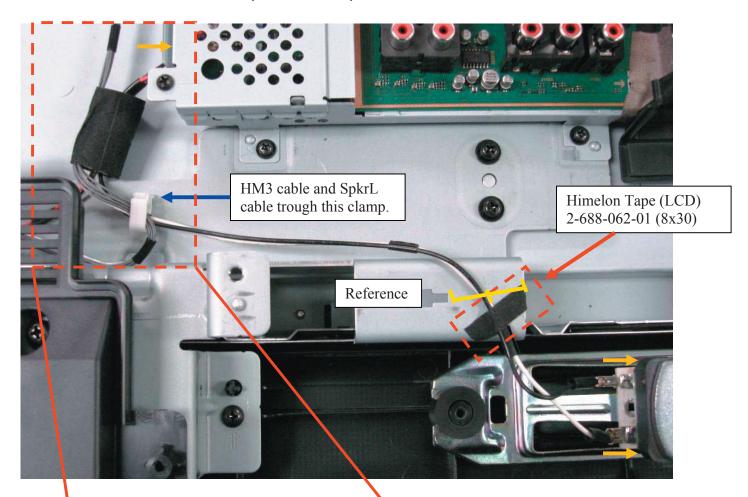


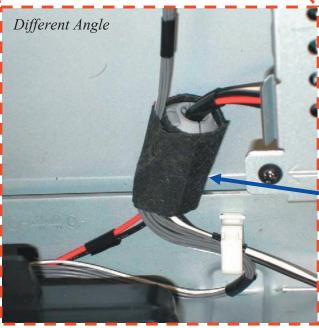
#### LVDS CONNECTOR (CONTINUED)





#### **HM3 BOARD AND SPEAKERS (CONTINUED)**

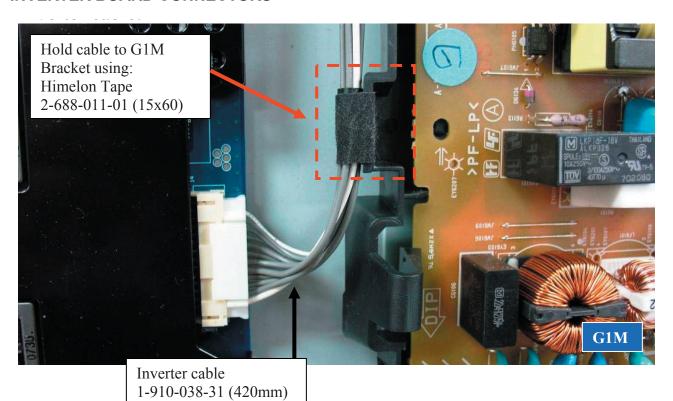


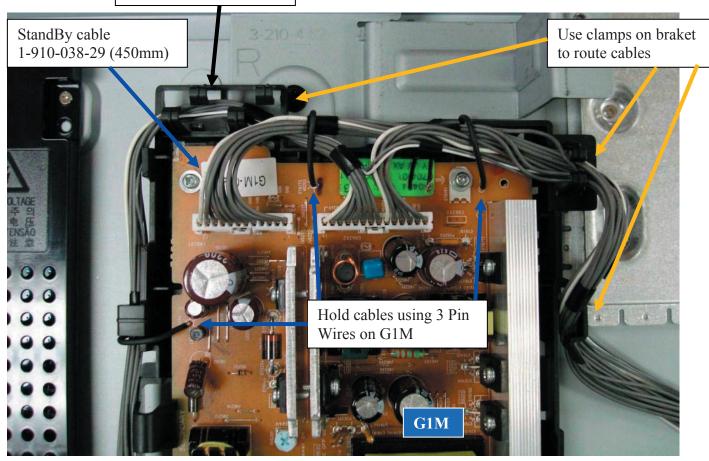


Ferrite Core (146908911) ZCAT 1730-0730

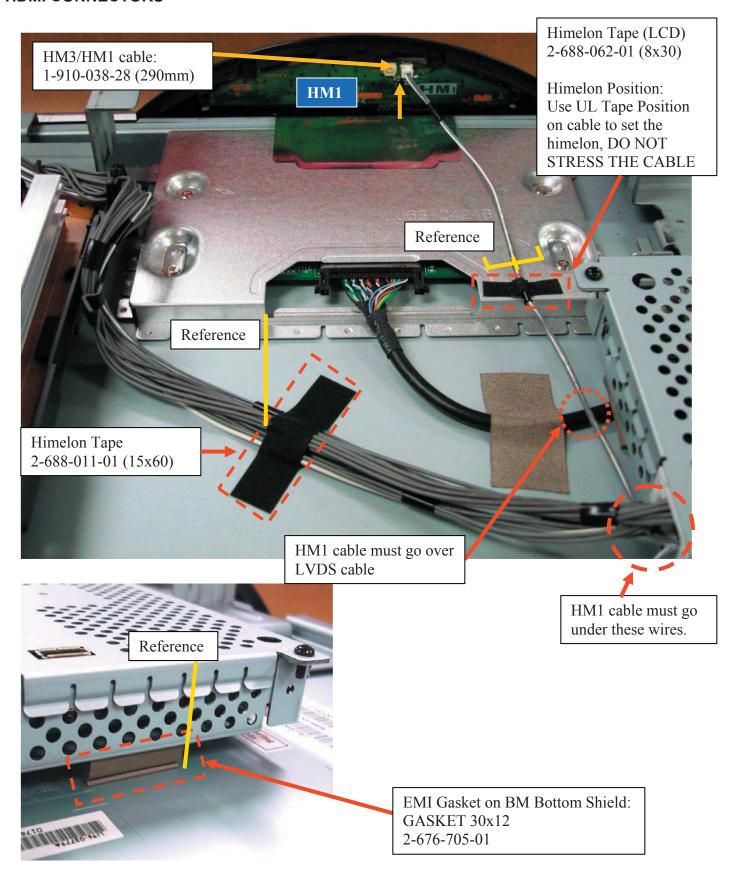
Completely cover Ferrite and grab the HM3 cable using:
Himelon Core Sheet (A)
2-688-014-01

#### **INVERTER BOARD CONNECTORS**

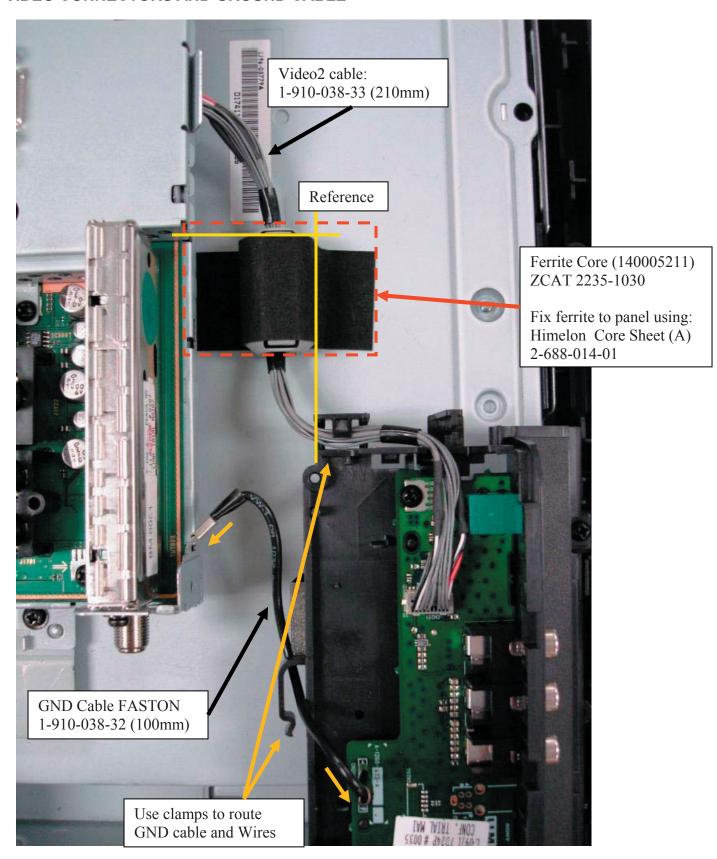




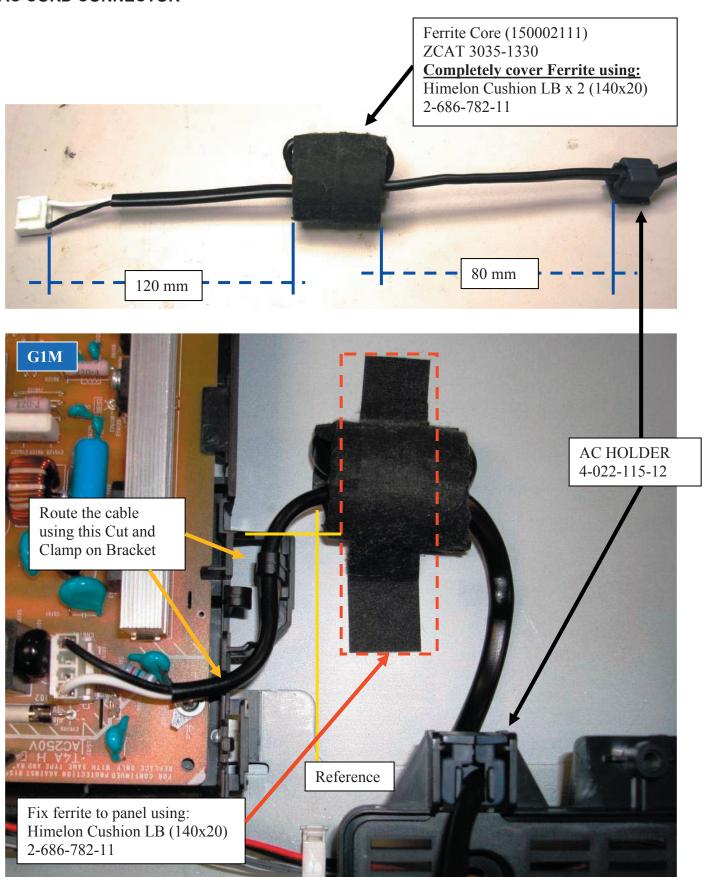
#### **HDMI CONNECTORS**



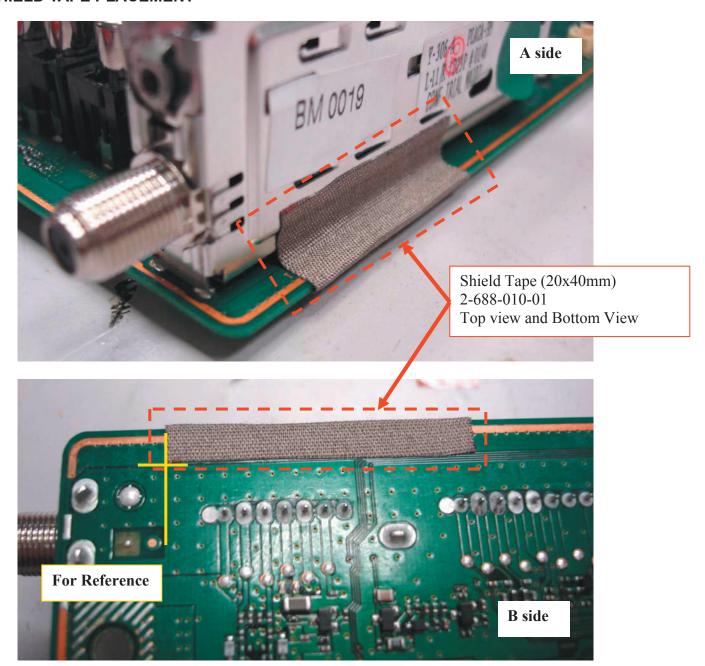
#### **VIDEO CONNECTORS AND GROUND CABLE**



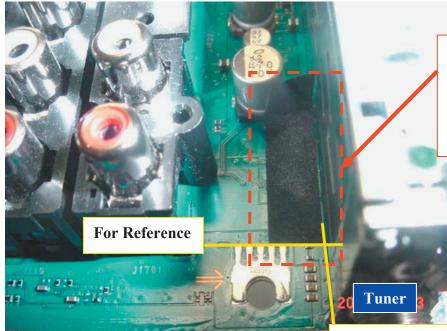
#### AC CORD CONNECTOR



#### SHIELD TAPE PLACEMENT



#### SHIELD TAPE PLACEMENT (CONTINUED)



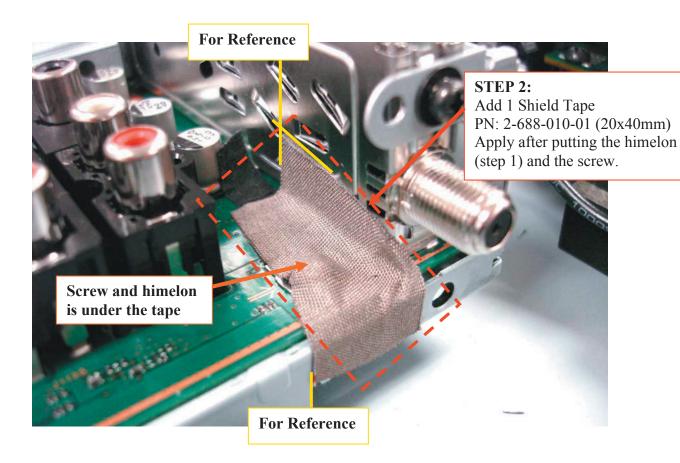
STEP 1:

Add 1 Himelon Tape (LCD) PN: 2-688-062-01 (8x30mm)

Note: R7853 should be covered

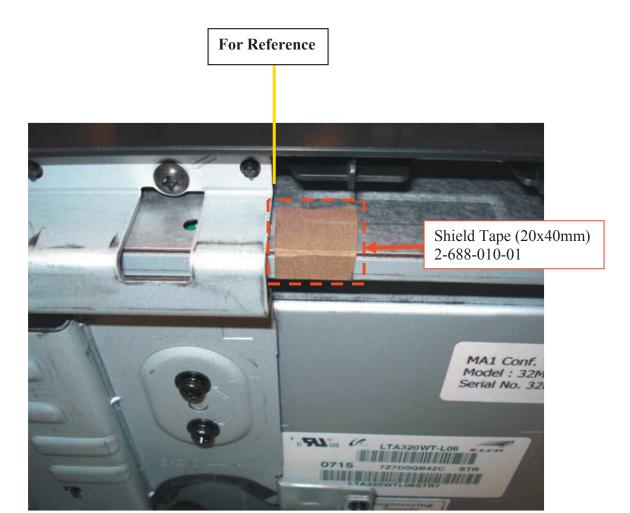
with himelon.

For Reference: Edge of Tuner



#### KDL-32M3000/32ML130 ONLY

## SHIELD TAPE PLACEMENT (CONTINUED)



#### **SECTION 2: SERVICE ADJUSTMENTS**

#### 2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

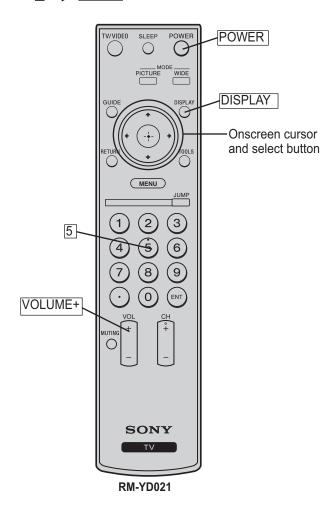
#### Equipment Needed:

- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- √ Digital multimeter

#### 2-2. ACCESSING SERVICE ADJUSTMENT MODE

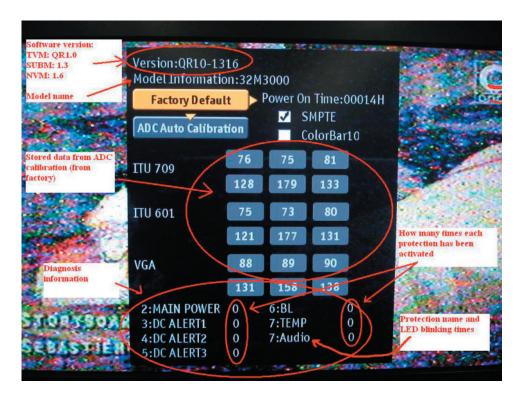
- 1. TV must be in standby mode. (Power off).
- 2. To display the service menu, press the following buttons on the Remote Commander within a second of each other:





#### 2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.



Sample Service Menu

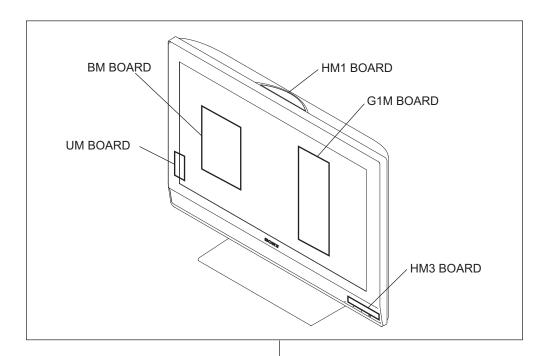
#### 2-4. RESETTING TO FACTORY DEFAULTS

The following instructions restore the User Controls and Channel Memory settings to the preset factory conditions.

1. In Service Mode to select **Factory Default** press (+), then to select **Yes** press (+).

#### **SECTION 3: DIAGRAMS**

#### 3-1. CIRCUIT BOARDS LOCATION



# 3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in  $\mu F$  unless otherwise noted. pF :  $\mu \mu F$  50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms.  $k\Omega$ =1000 $\Omega$ ,  $M\Omega$ =1000 $k\Omega$ 

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch: 5mm

Rating electrical power: 1/4 W

<sup>1</sup>/<sub>4</sub> W in resistance, <sup>1</sup>/<sub>10</sub> W and <sup>1</sup>/<sub>16</sub> W in chip resistance.

: nonflammable resistor

 $\triangle$ : fusible resistor  $\triangle$ : internal component

: panel designation and adjustment for repair

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10M $\Omega$  digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S: Measurement impossibility.

B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and  $\triangle$  symbol are critical for safety. Replace only with part number specified.

The symbol High indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque 🛆 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a  $\widehat{\Box}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

### REFERENCE INFORMATION

RESISTOR CAPACITOR

 : RN
 METAL FILM
 : TA
 TANTALUM

 : RC
 SOLID
 : PS
 STYROL

 : FPRD
 NONFLAMMABLE CARBON
 : PP
 POLYPROPYLENE

: FUSE NONFLAMMABLE FUSIBLE : PT MYLAR

: RW NONFLAMMABLE WIREWOUND : MPS METALIZED POLYESTER : RS NONFLAMMABLE METAL OXIDE : MPP METALIZED POLYPROPYLENE

: RB NONFLAMMABLE CEMENT : ALB BIPOLAR

: X ADJUSTMENT RESISTOR : ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

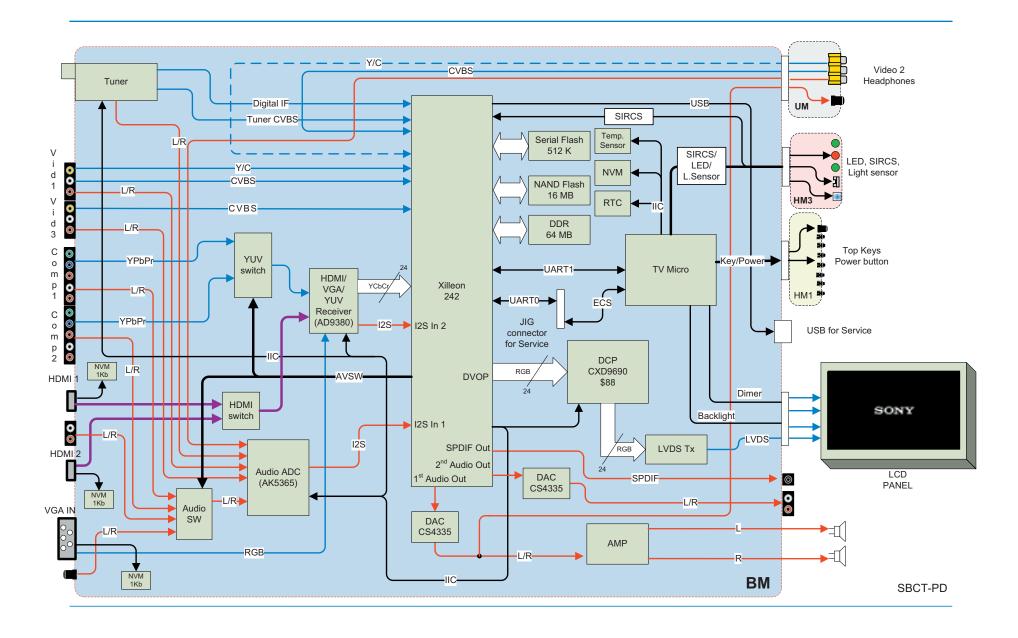
# Terminal name of semiconductors in silk screen printed circuit (\*)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor	_	Collector	
۱ ۱	Transision		Base Emitter	
	Transistor		Collector	
2	Transision		Base Emitter	
,	D: 1		Cathode -	<u> </u>
3	Diode		• Anode	₹
		-	Cathode	
4	Diode		Anode (NC)	\$
			Cathode	<b>,</b>
5	Diode		Anode (NC)	
			Common	
6	Diode	<b>T</b>	Anode Cathode	φ
			Common	┌╊┼╄┤
7	Diode		Anode Cathode	0 0
-			Common	
8	Diode	T	Anode Anode	0
-		_	Common	┌┢┤╀╉┐
9	Diode	_		8, , , , 8
			Anode Anode Common	
0	Diode	T	_	•
		•		┌┪┸
!i	Diode		Common	6 6
_			Cathode Cathode	0 • • •
ļтм	Diode		Anode Cathode Anode	
		•	Cathode ■ Anode	• <b>→</b>
!£	Transistor		Drain Source	во во
	(FET)	•	■ Gate	60 <b>−</b>    60−
!¢	Transistor	<b>—</b>	Drain Source	so so
	(FET)	•	■ Gate	DO DO
!?	Transistor		□ Source □ Drain □ Gate	
	(FET)	•		so" so"
!§	Transistor		☐ Emitter☐ Collector☐ Base	
		•	□∎□Base	C10 002
!¶	Transistor		C2 B1 E1	B10-(10 002)
- "		1 1	E2 B2 C1	E10 0 E2
<u>.</u>	Transistor		C1   B2   E2	040 000
			E1 B1 C2	C10 OC2 B10 1 OB2
ļa	Transistor		C1 B2 E2	E10 0E2
			E1 B1 C2	
@0	Transistor		C1 B2 E2	B10 (B2) OB2
<u>.</u>			E1 B1 C2	C10 0 C2
<sub>@</sub> .	Transistor		E2 B1 E1	C1(B2)Q QC2 B1 Q ( )
@i			C2 C1(B2)	E20 0E2
@тм	Transistor		(B2) B1 E1 E2	E1(B2)O OE2
۳۰۰س	riansisiul		C1 C2	C1Ó ÓC2
_	Tuonsi-t-		(B2) E2 E1 B1	E1(B2) O OC2
@£	Transistor		C2 C1	B10 C10 OC2
	Discrete ser	niconductot		

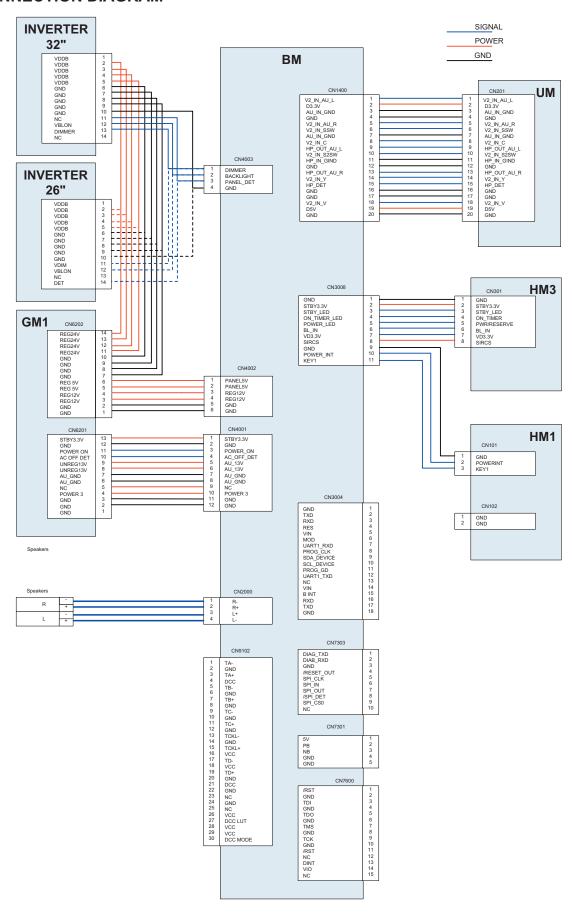
(Chip semiconductors that are not actually used are included.)

Ver.

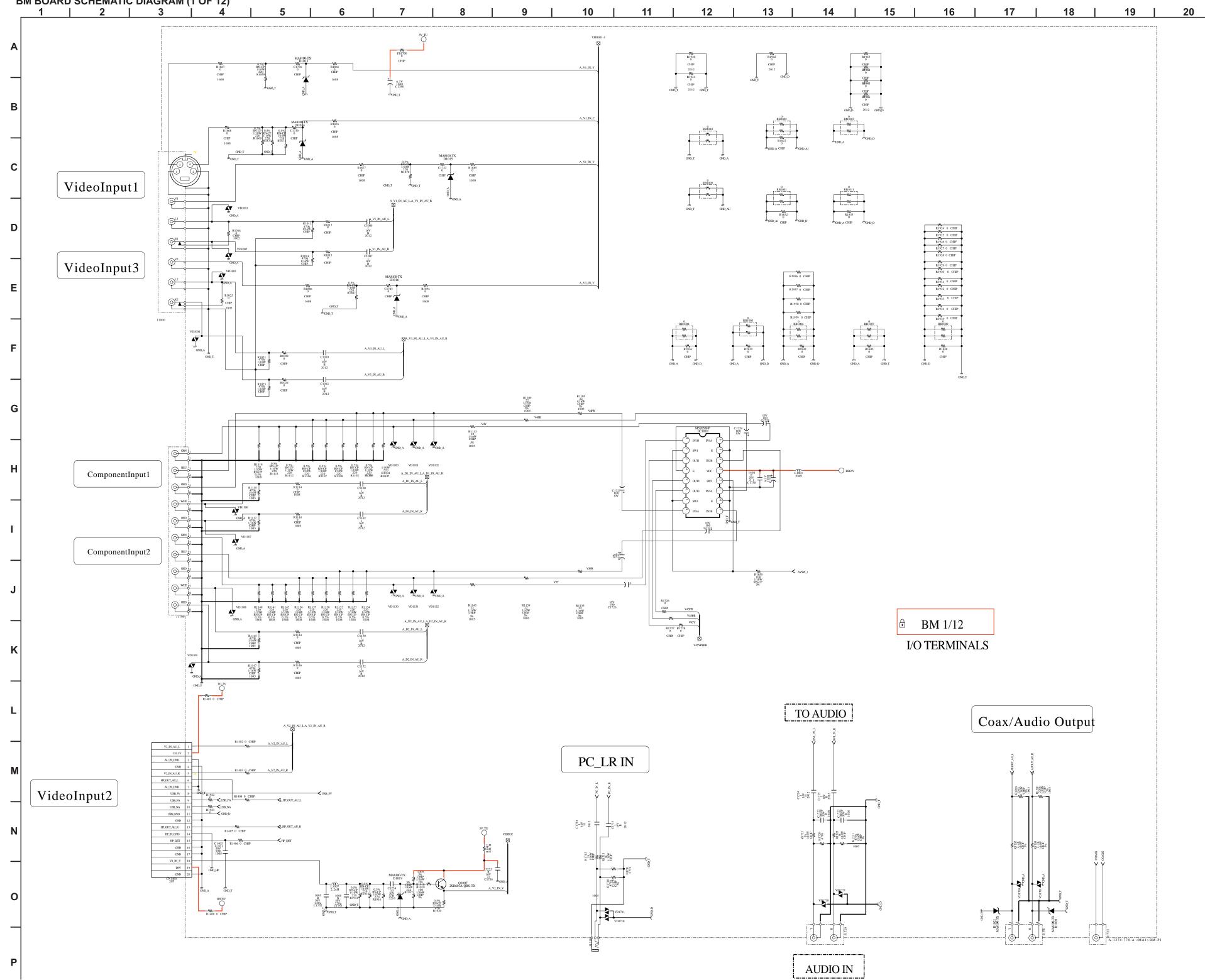
#### 3-3. BLOCK DIAGRAM

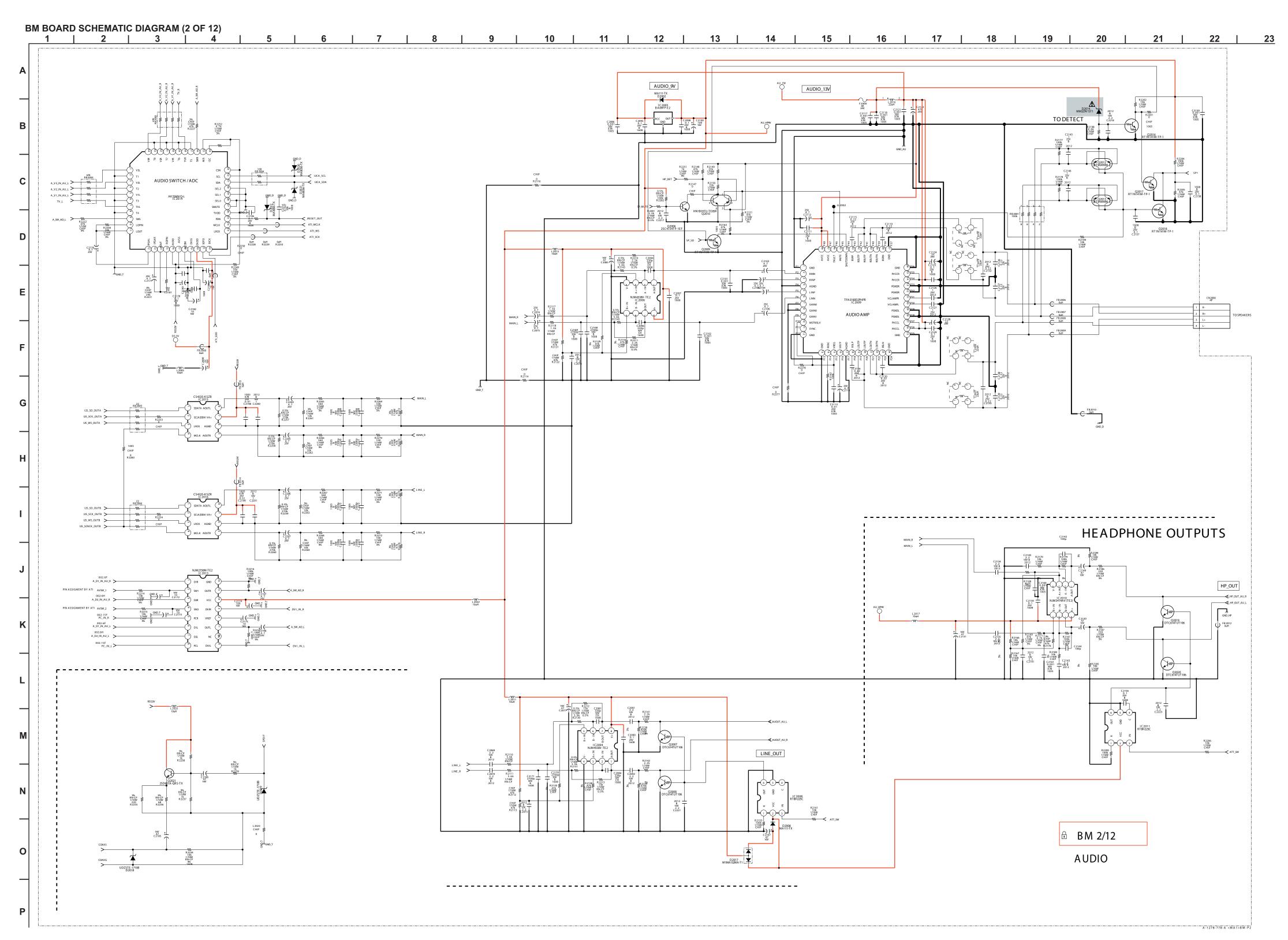


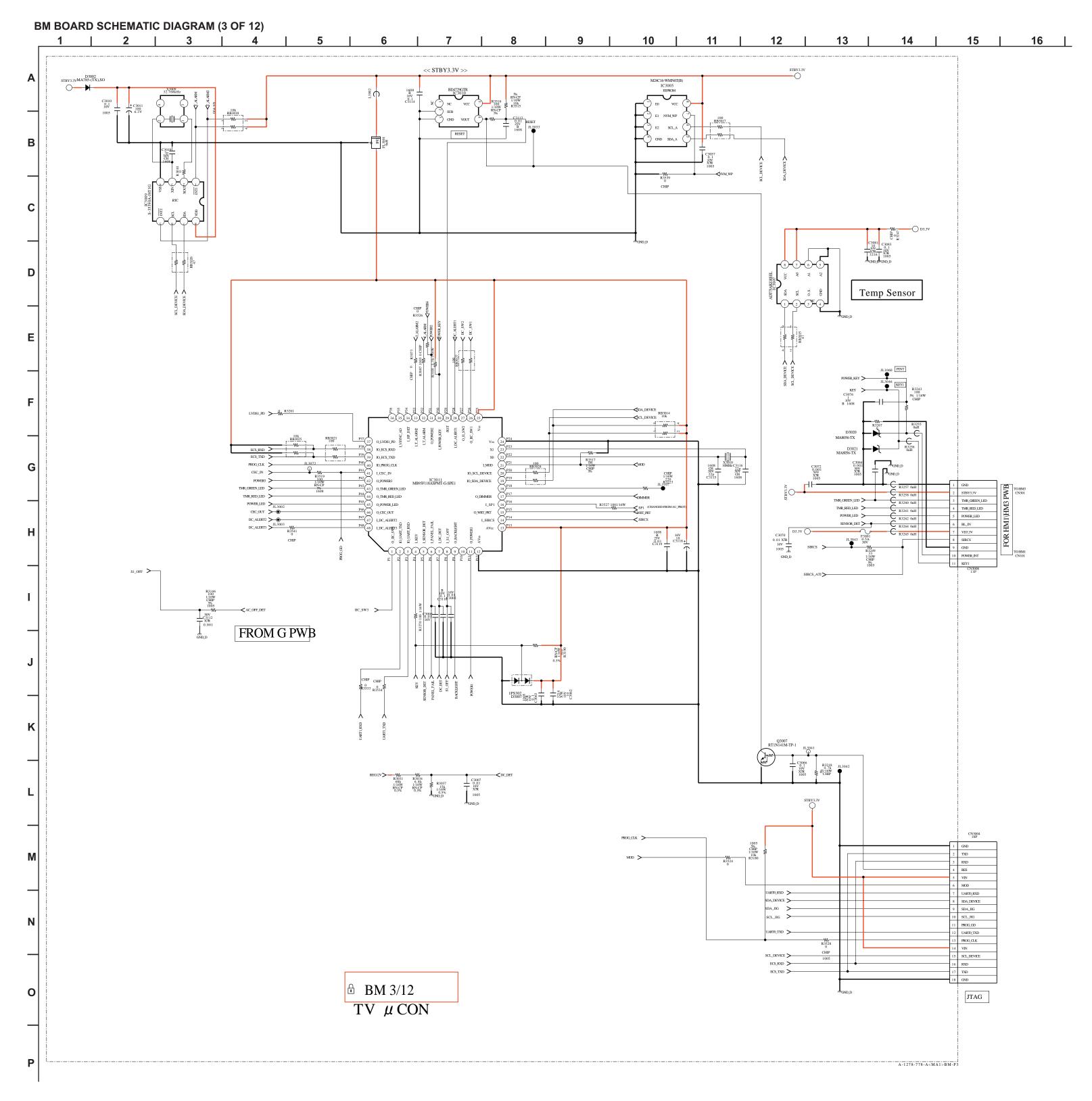
#### 3-4. CONNECTION DIAGRAM

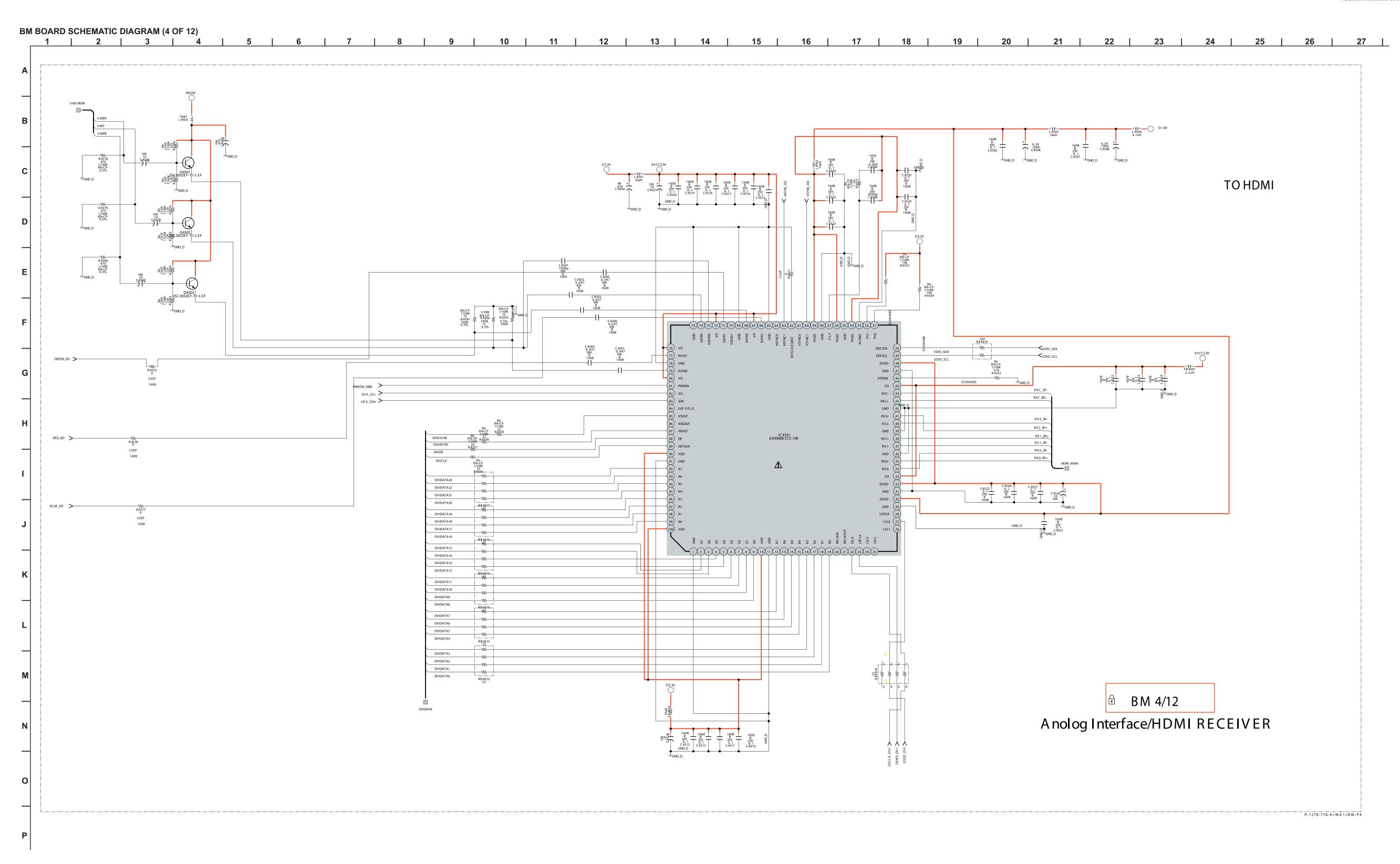


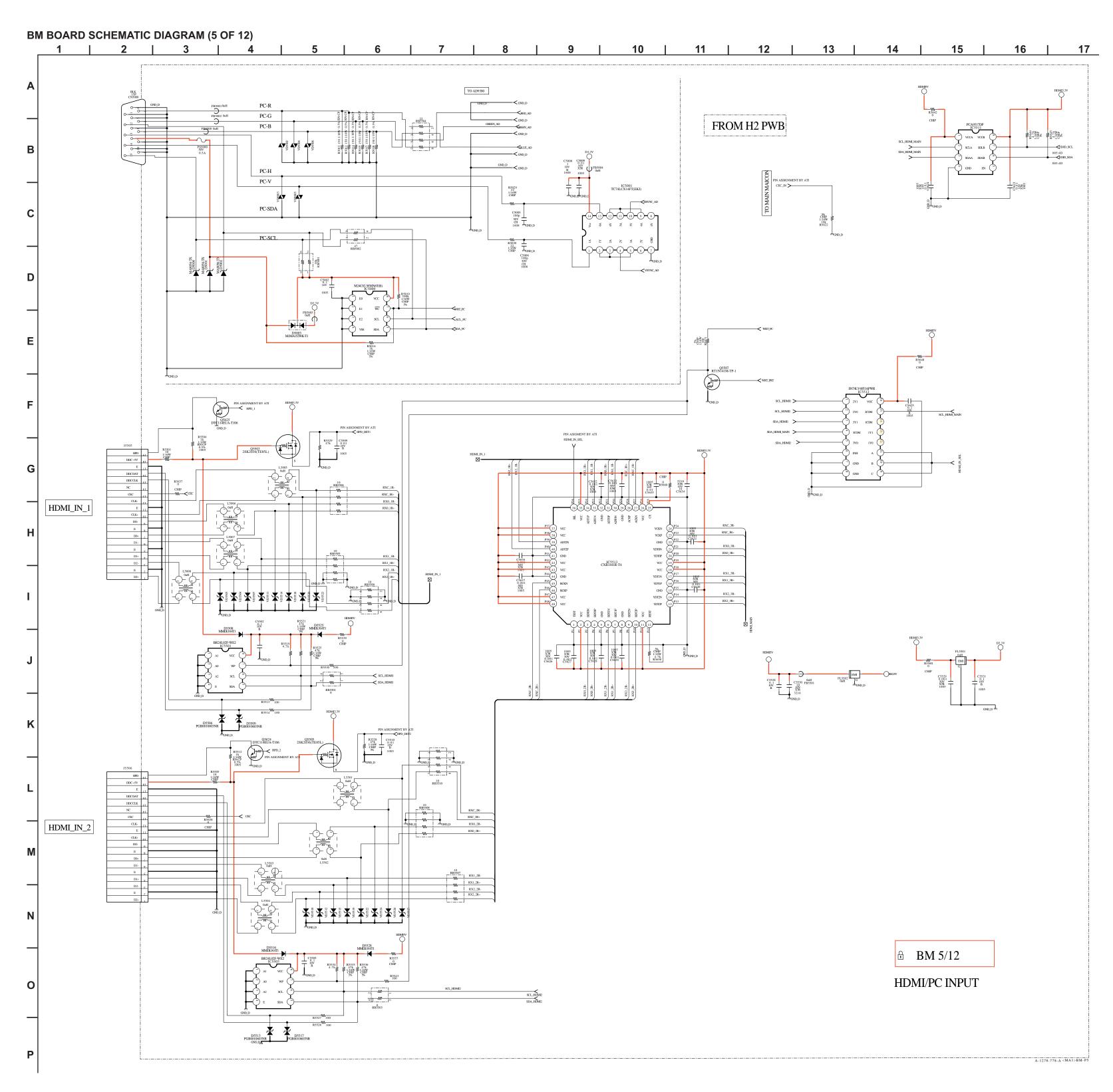
# 3-5. SCHEMATICS AND SUPPORTING INFORMATION BM BOARD SCHEMATIC DIAGRAM (1 OF 12)

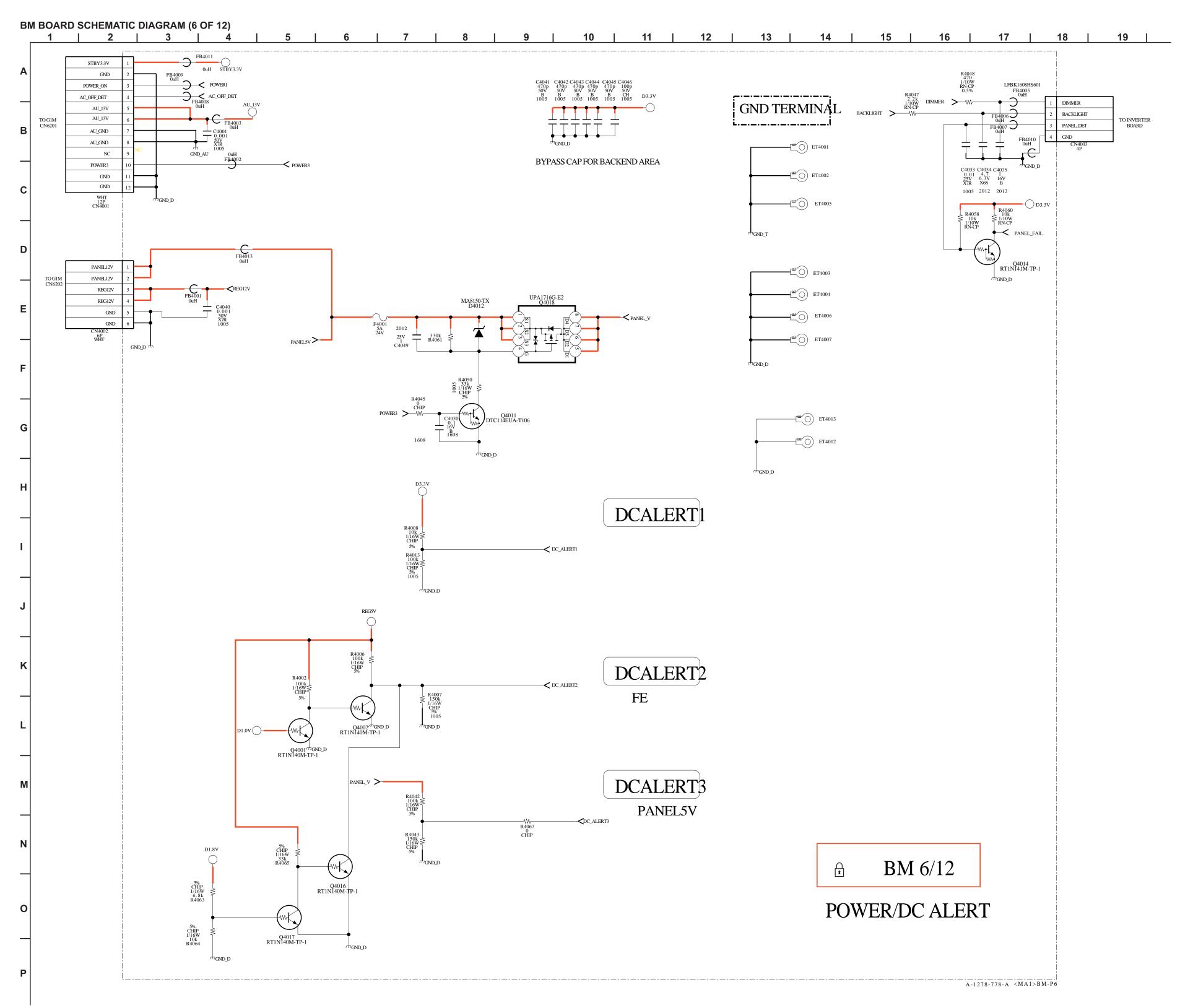


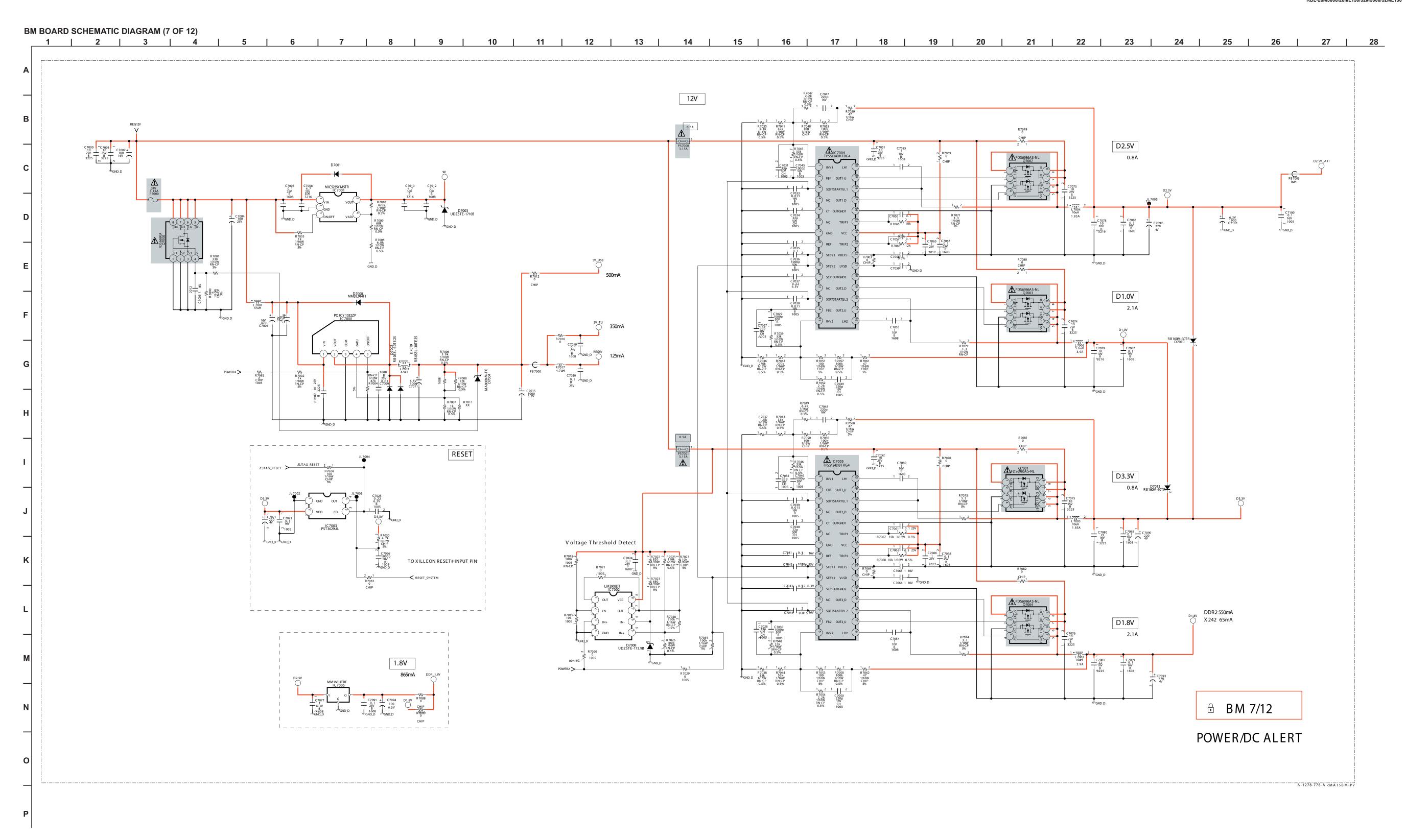


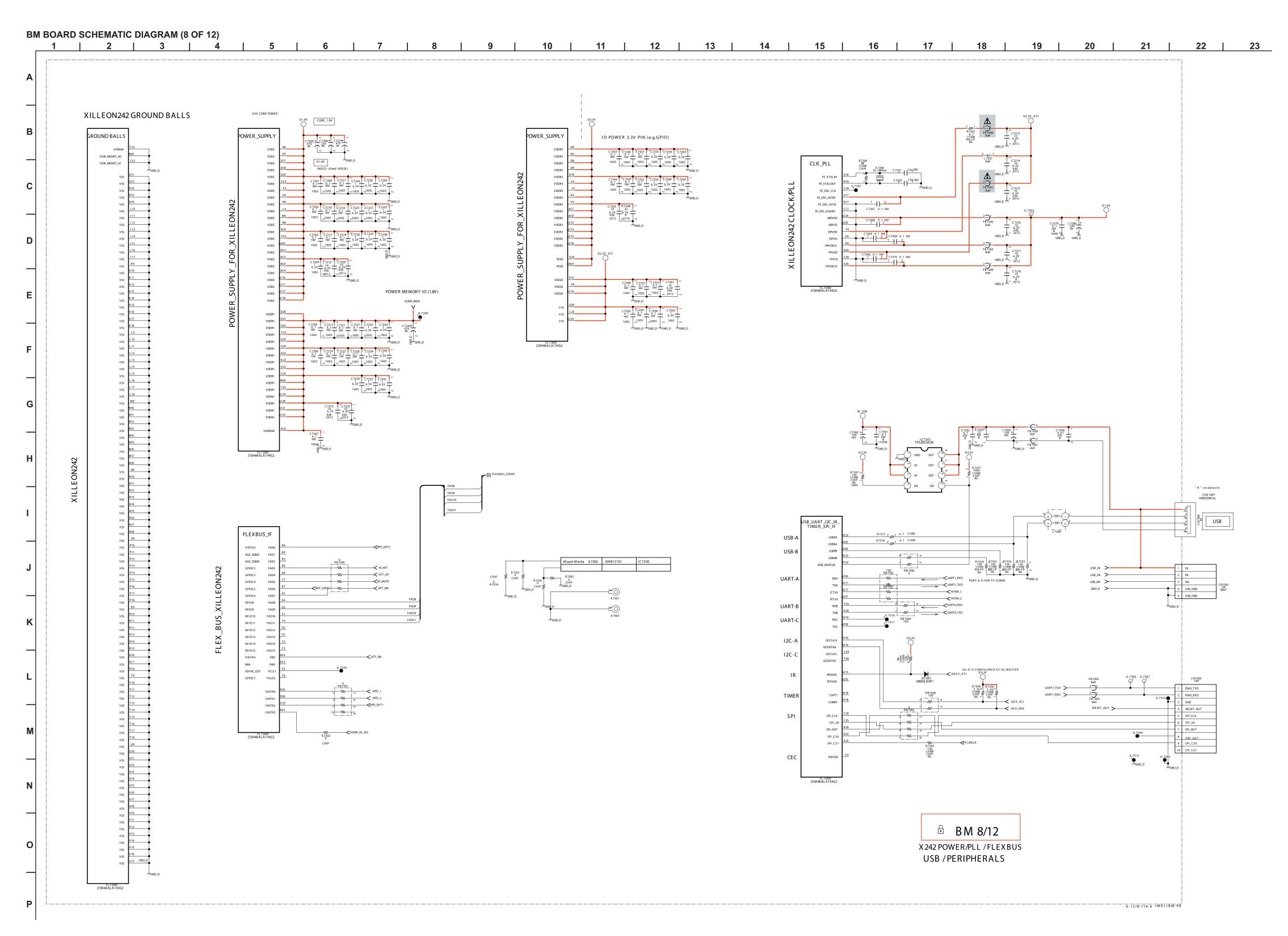


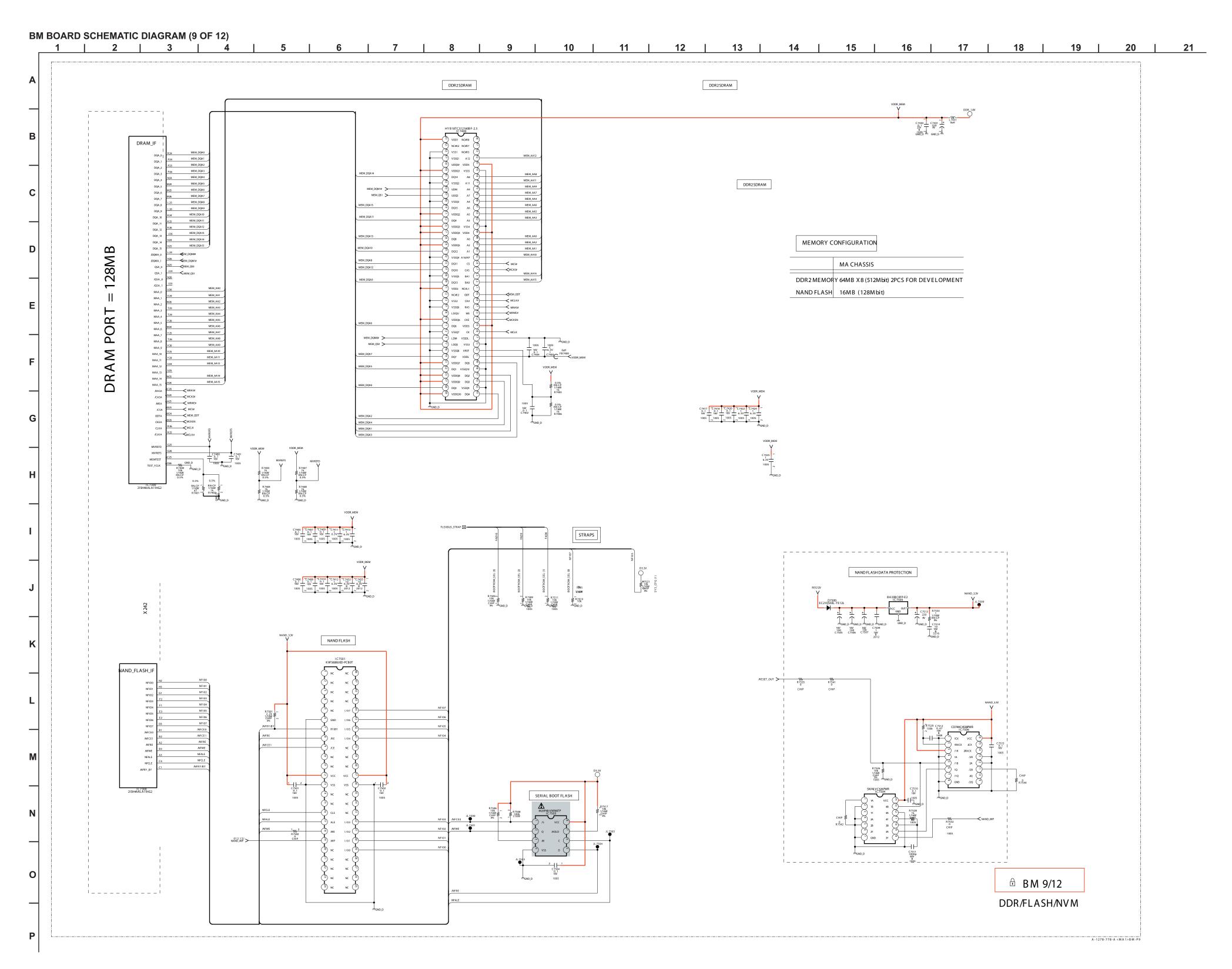


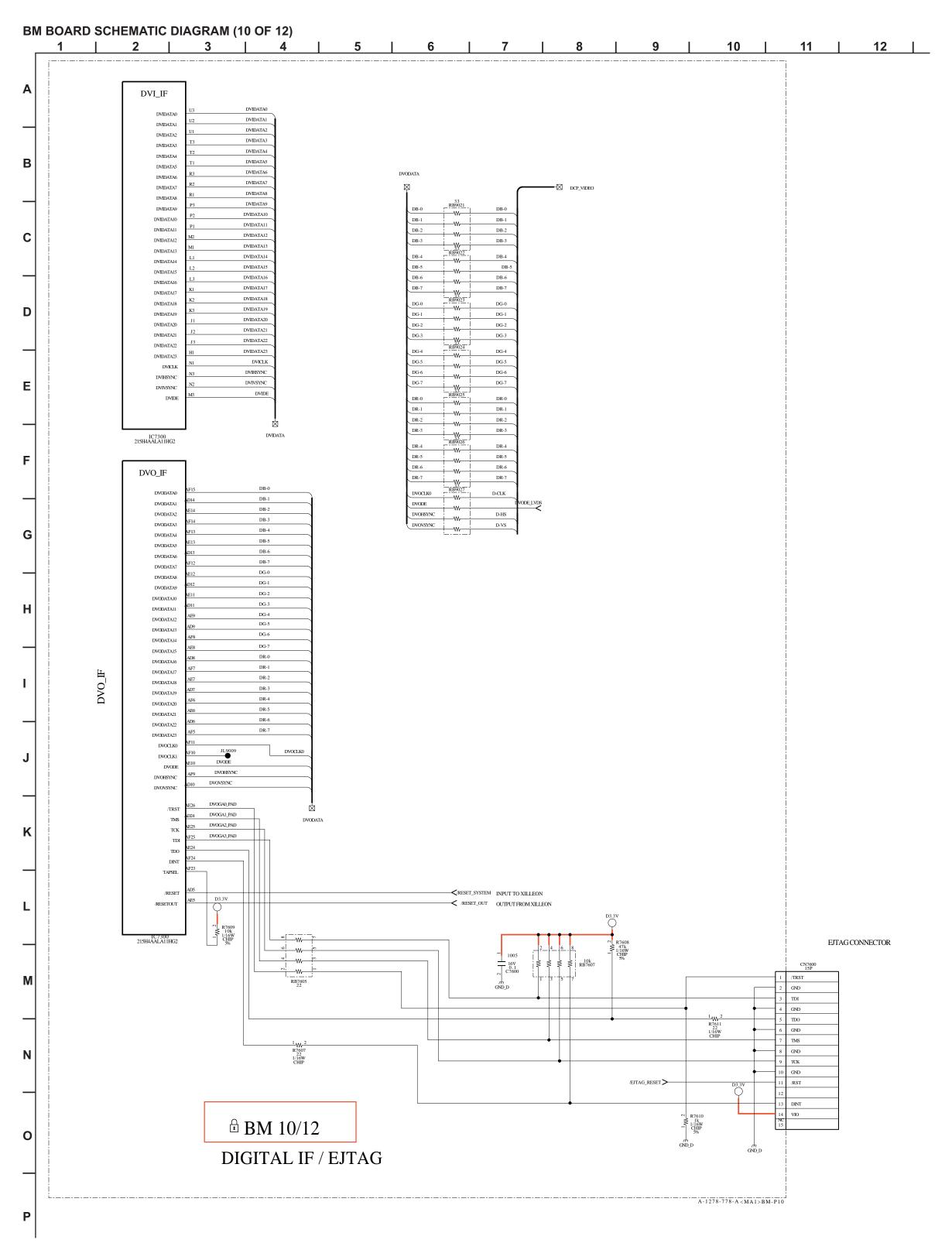


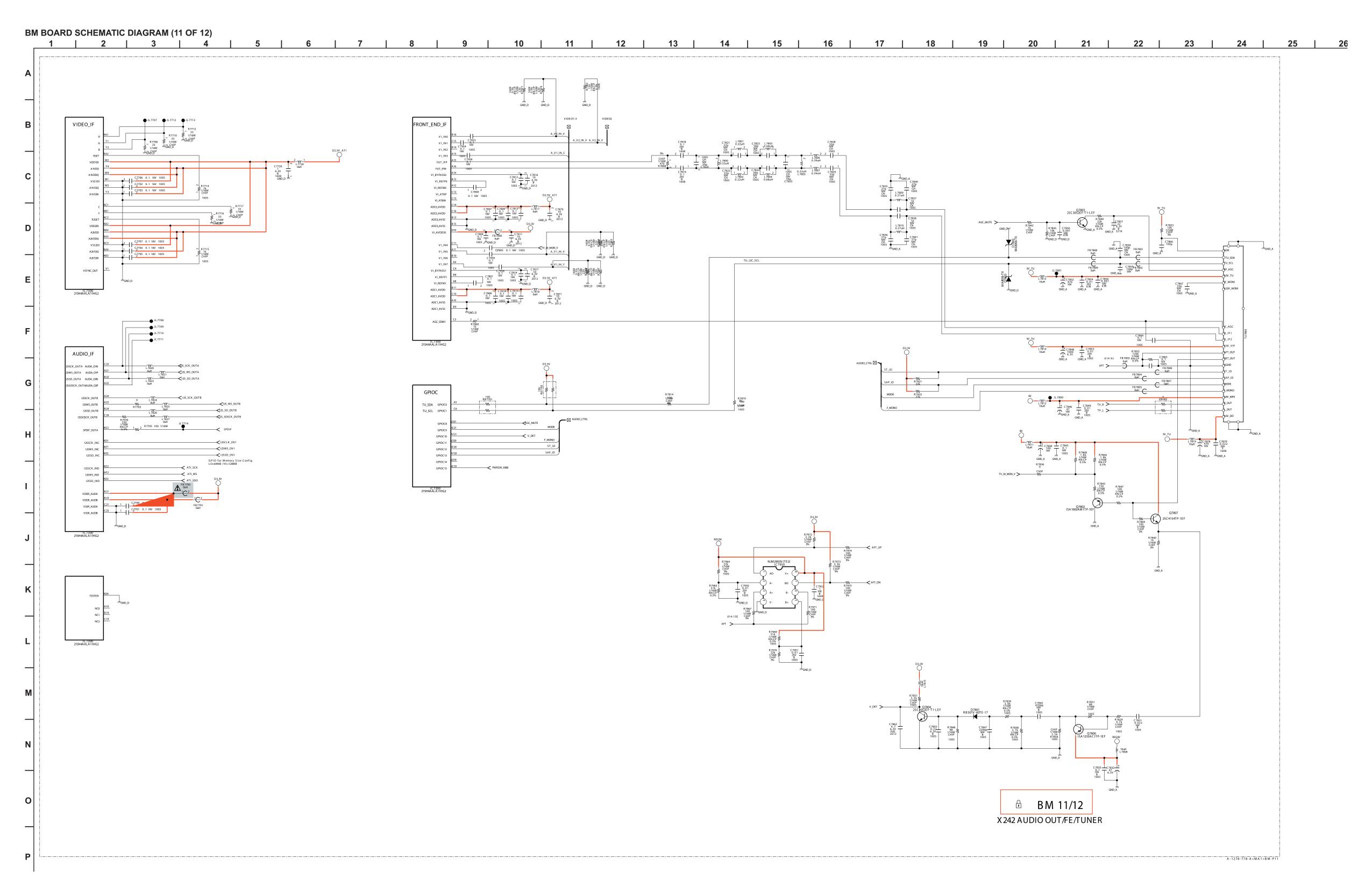


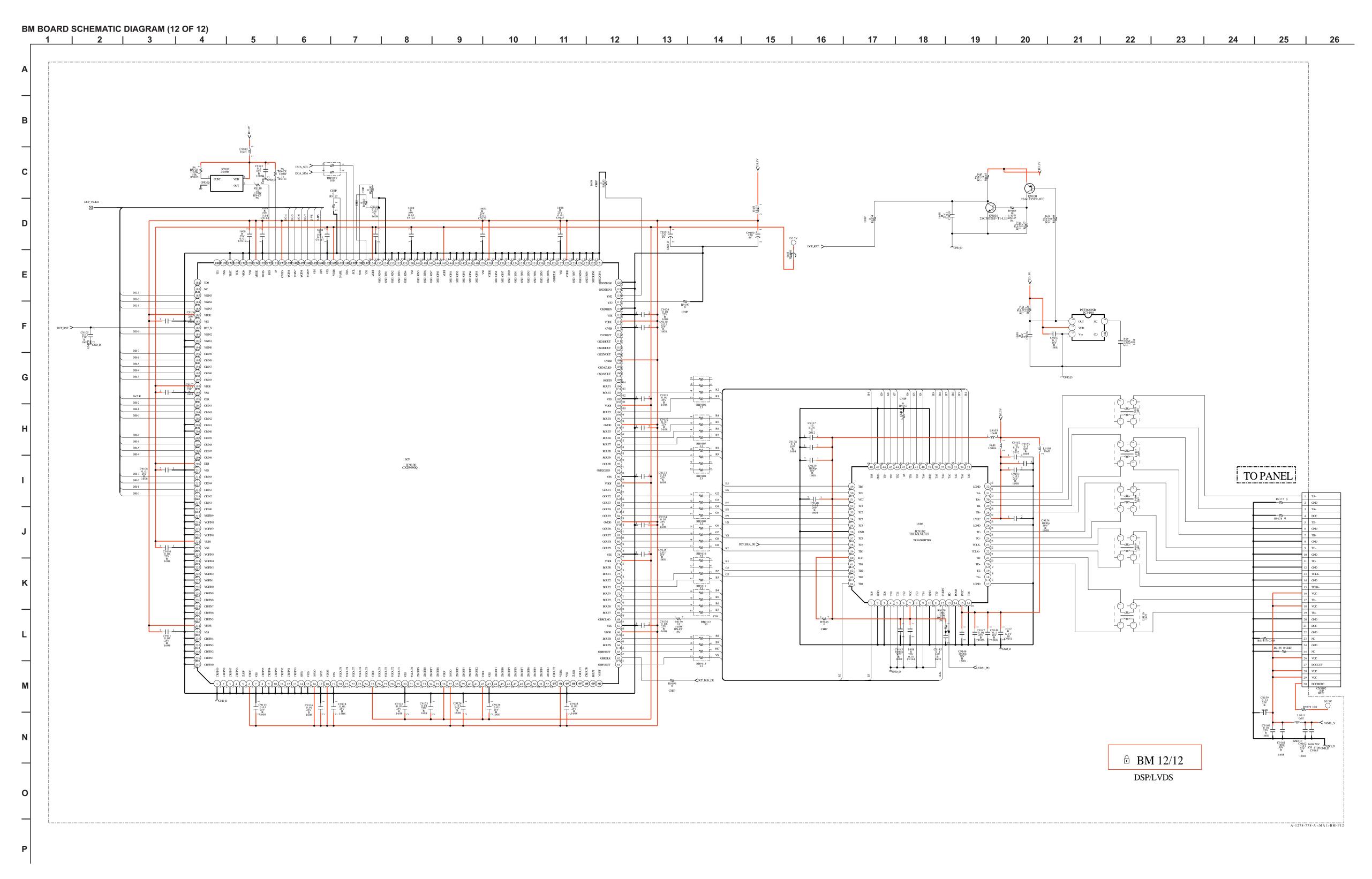




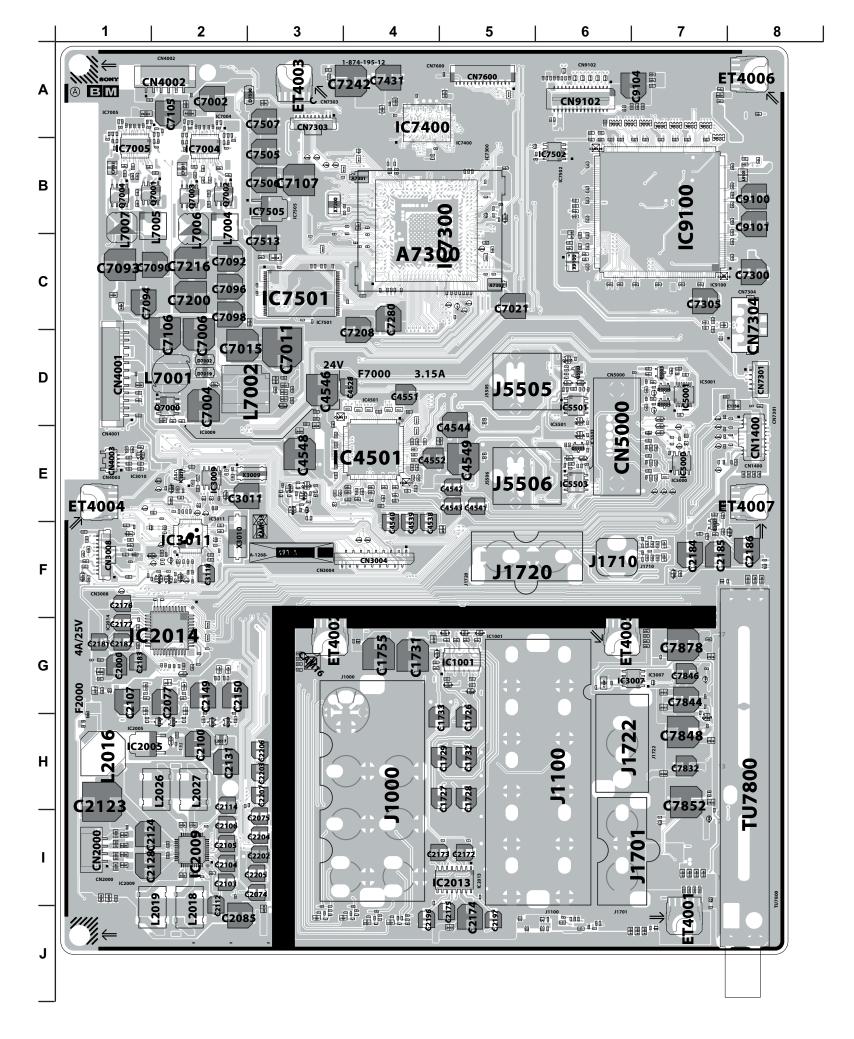




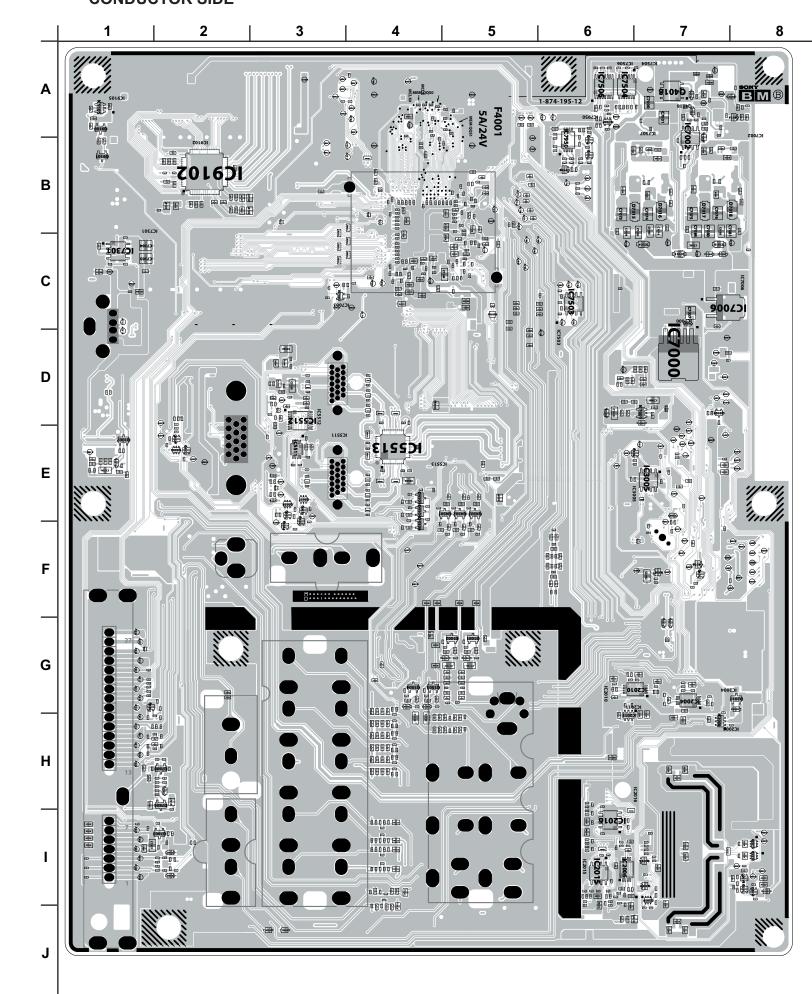


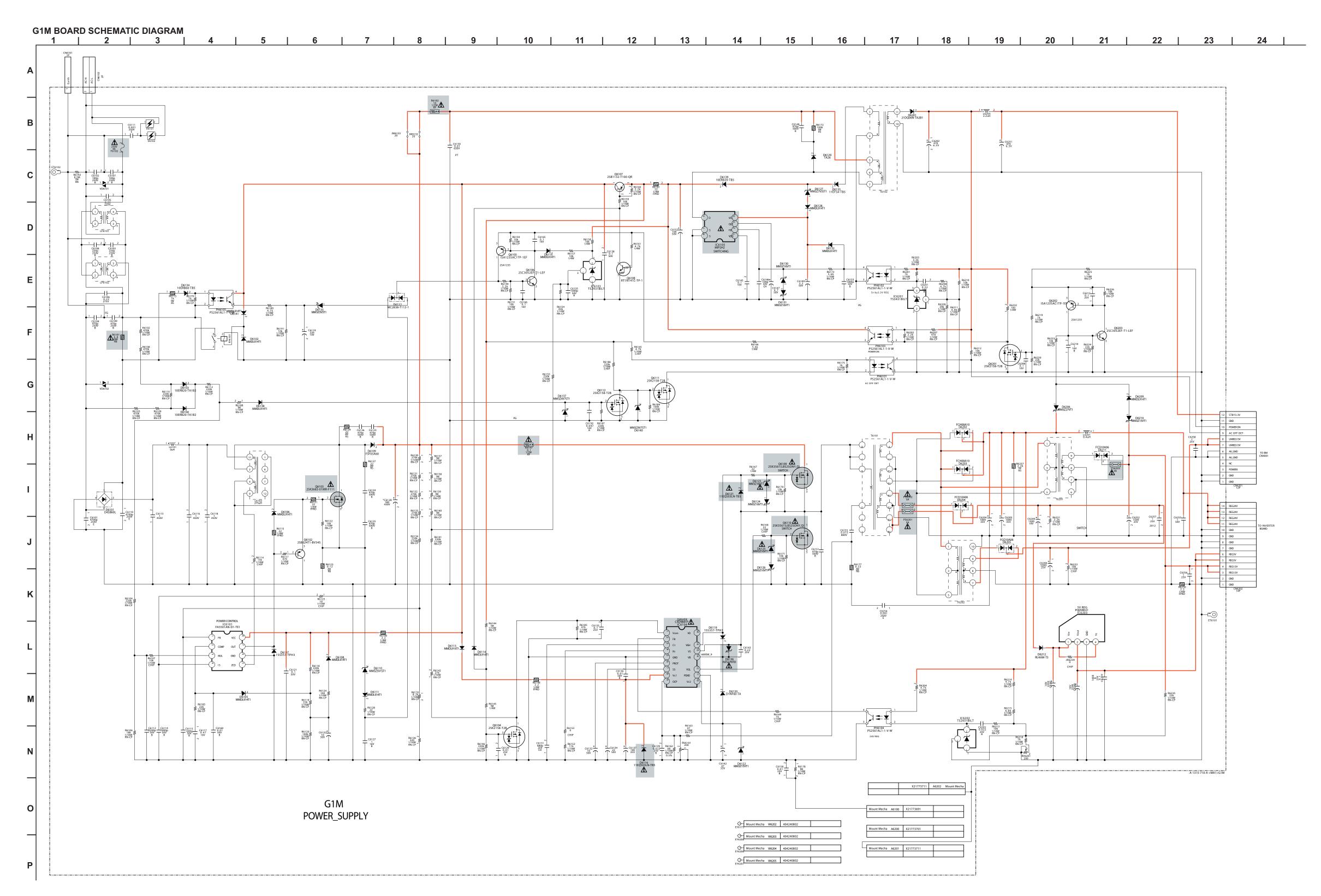


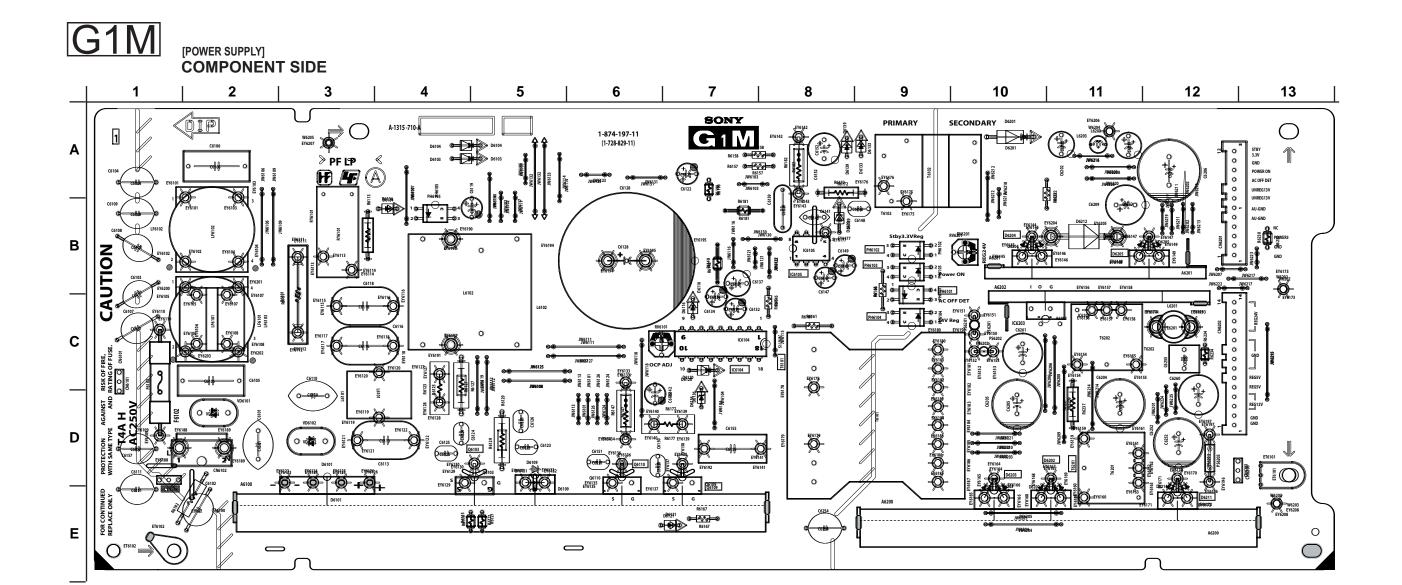
BM [I/O TERMINALS, AUDIO, TVµCON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS] **COMPONENT SIDE** 

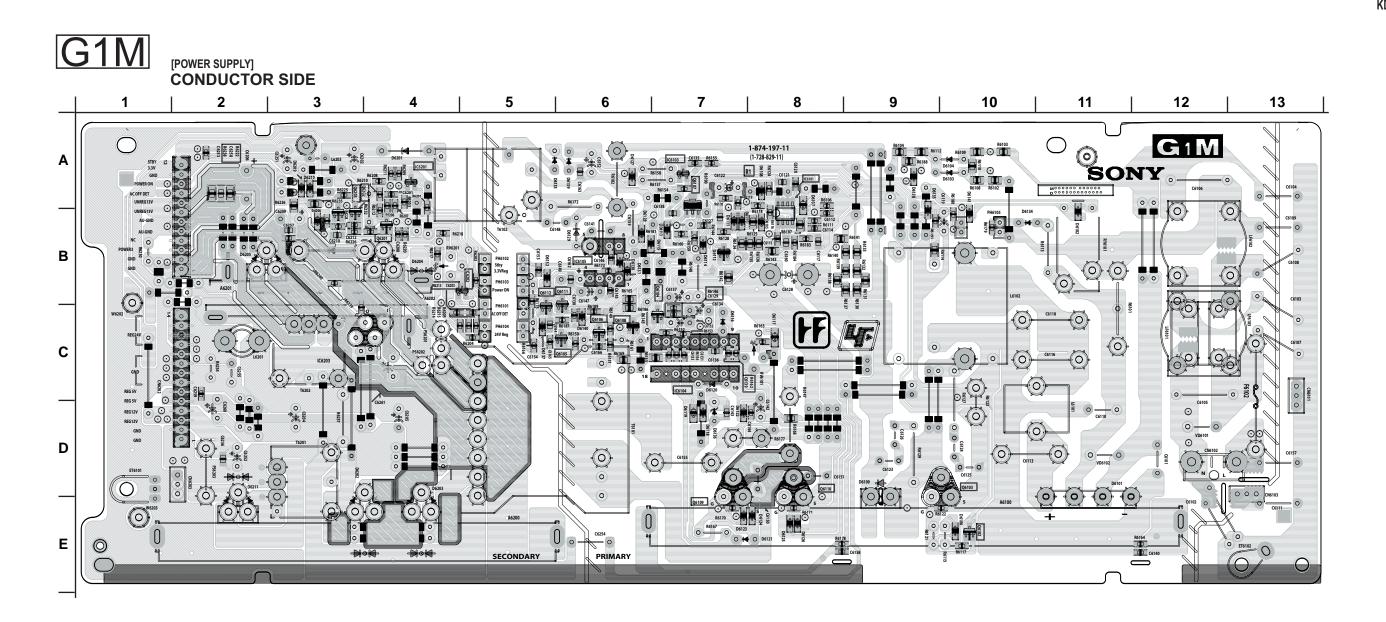


BM [I/O TERMINALS, AUDIO, TVµCON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS]

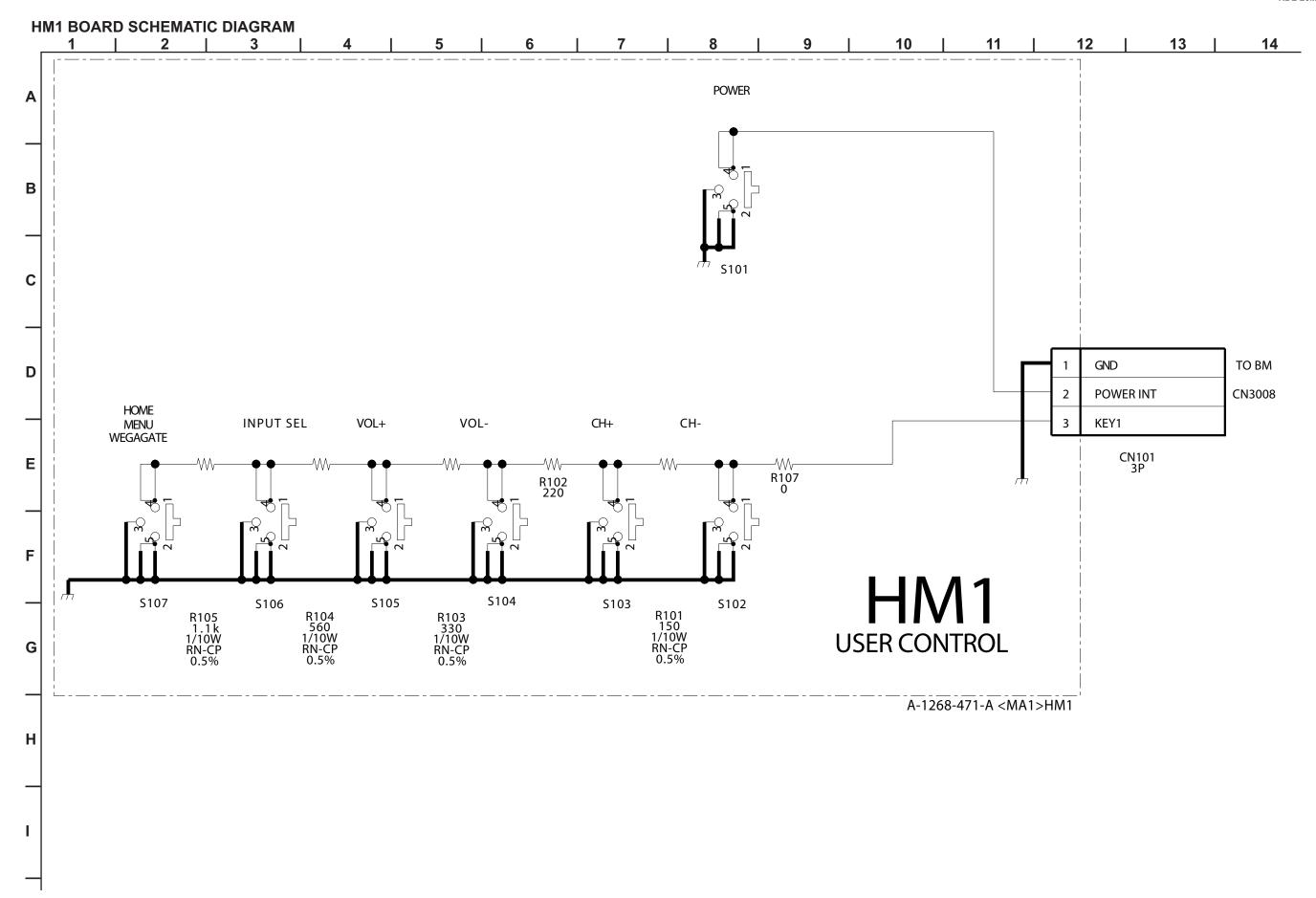




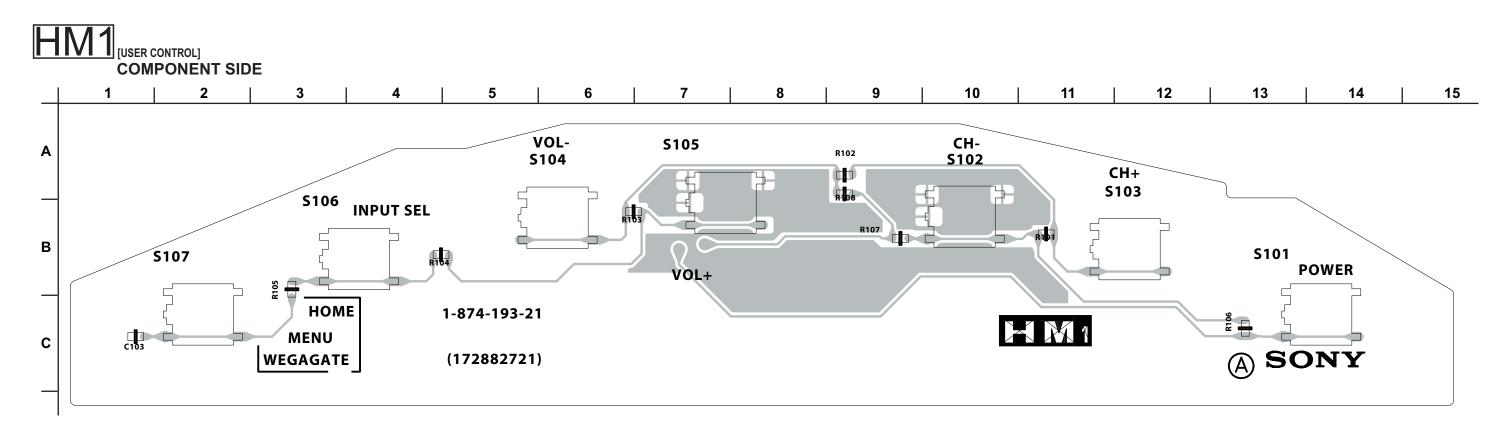


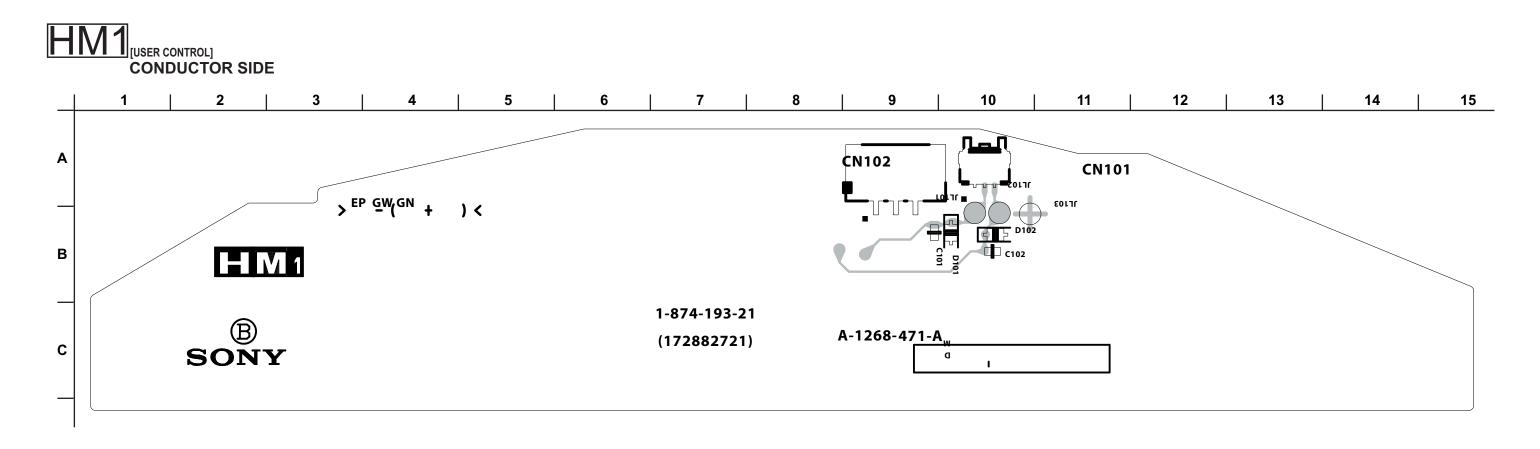


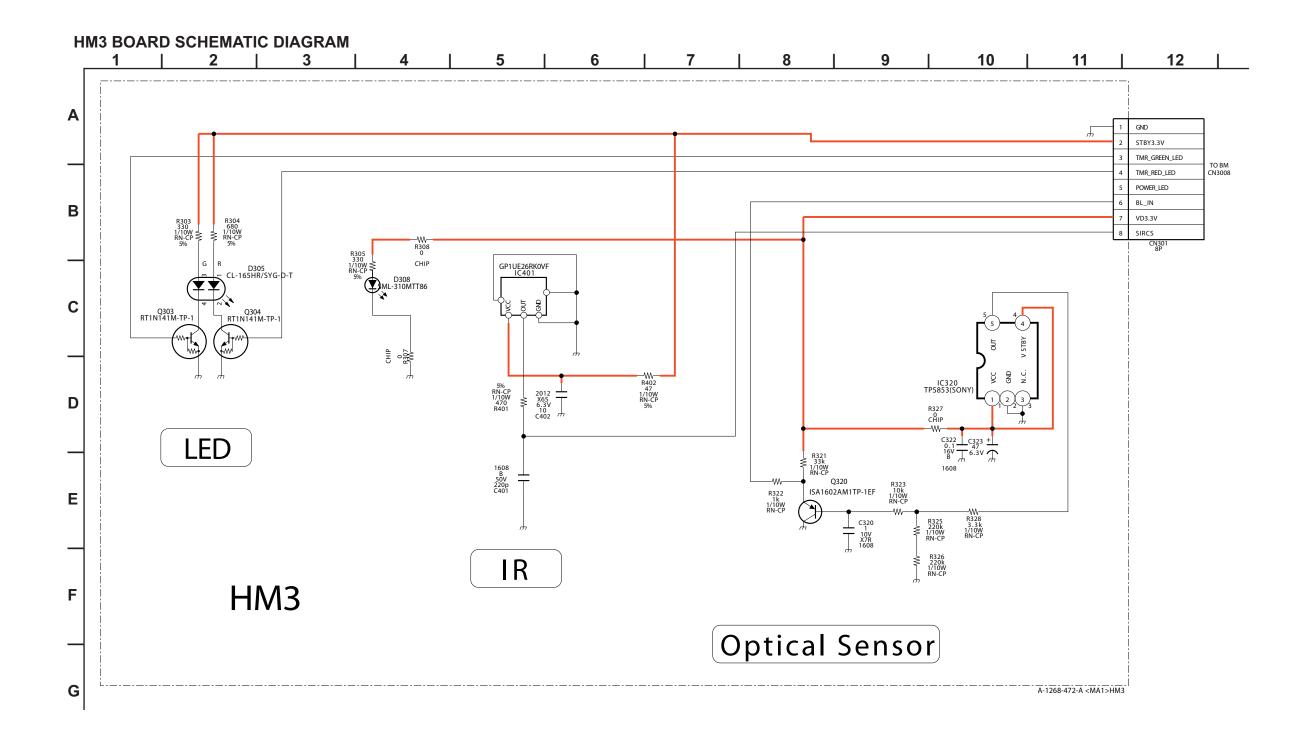
60

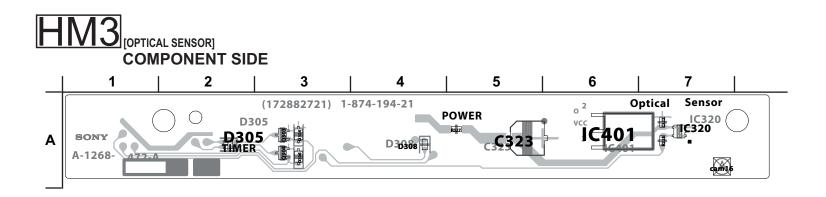


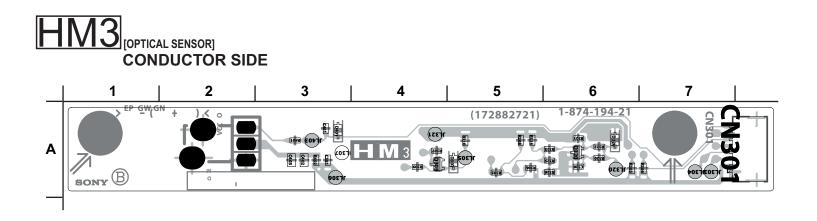
61

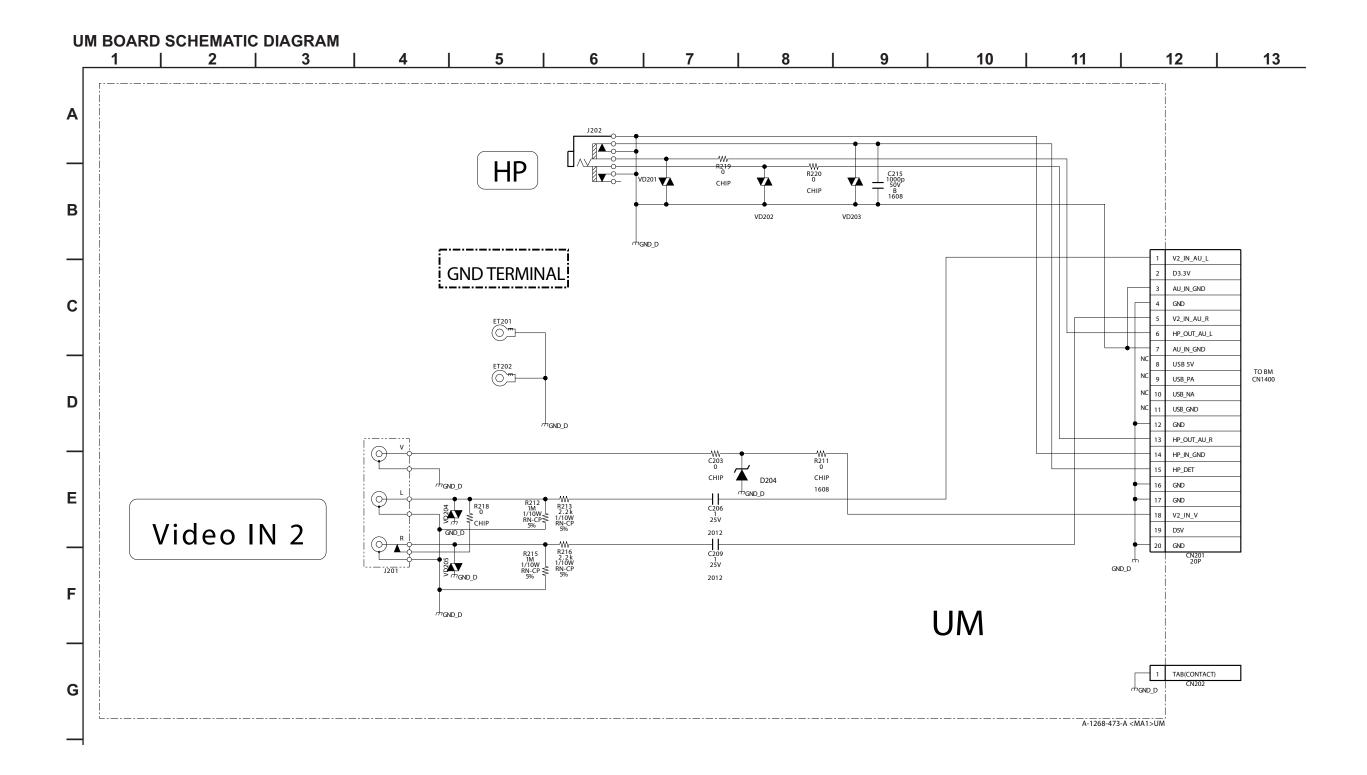


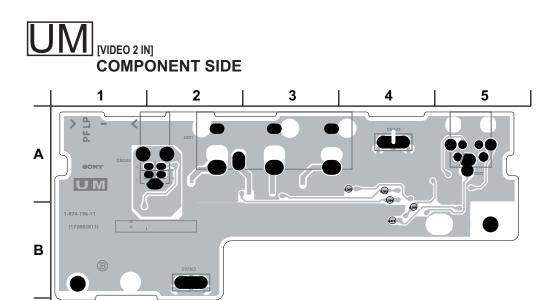


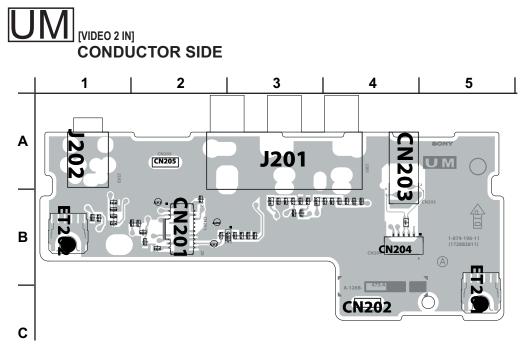










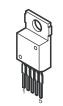


**SML-020MVT-T86** 

#### 3-6. SEMICONDUCTORS



#### BA00AST-V5



BA05FP-E2 BA09FP-E2 S-1111B33MC-NYSTFG S-80928CNMC-G8YT2G TC7SZ125FU(TE85R)



5Pin CHIP

#### BA18BC0FP-E2 BA25BC0FP-E2



BR24L02F-WE2 CS4335-KSZR FA5501N-TE1 LM75CIMX-3 M24128-BWMN6T(A) M24C02-WMN6T(B) NJM2521V(TE2) NJM3414AV(TE2) RC4558DR RC4558PWR



8Pin SOP

#### CD4052BNSR FMS6418AM16X



16Pin SOP

### CXA2188Q-T4



40Pin QFP

#### EM6A9320BI-5MG



144Pin PGA





48Pin QFP

#### HD64F2378-12681-01

L88M05T-FA-TL



144Pin QFP



100Pin QFP





20Pin SOP

**MM1431ATT** 

M52347FP-TE



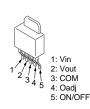
NJW1149AFH1





PQ1CZ41H2ZPH

PQ1CY1032ZP

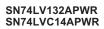


RV5C387A-E2-FB



SII9993CTG100





14Pin SOP

TOP VIEW

8Pin DIP



#### TK11819MTL



6Pin CHIP

## **TRANSISTOR**



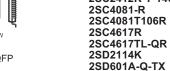


DTC114EU DTC114EUAFT106

DTC114EUA-T106 **DTC115EUA-T106** DTC144WKA-T146 DTC314TK-T-146 DTC323TK DTC323TKT146 MUN2211T1 MUN2212T1 MUN5213T1 PDTC114EK-115 UN2211 2PA1576R-115 2PC4081R-115 2PD601AR-115 2SA1037AK-T146-QR 2SA1037AK-T146-R 2SA1576A-T106-QR 2SA1774R 2SA1774TL-QR

2SC1623-L5L6

2SC2412K-T-146-QR

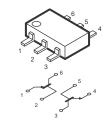




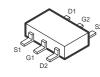
FDS6690A



HN1B01FU-TE85R



SSM6N15FU(TE85R)



2SB1122-S 2SB1122-ST-TD-E

2SD1621-ST 2SD1621ST-TD-E



2SD2114KT146



2SK2158-T2B



DIODE

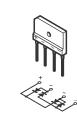
BAS316-115 EP05FA20 MM3Z10VT1 MM3Z11VT1 MM3Z13VT1 MM3Z18VST1 MM3Z22VT1 MM3Z2V4T1 MM3Z5V6ST1 MM3Z6V2ST1 MM3Z6V8ST1 MM3Z8V2ST1



BAT54HT1 DTZ10B **HZU5.6GTRF** MA113-(TX) MMDL914T1 RD5.6SB-T1 UDZ-TE-17-18B UDZ-TE-17-6.2B UDZ-TE-17-6.8B



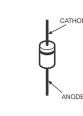
D10SBS4 D10SBS4F D2SB60A-F04 D4SB60L



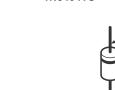
D10SC6M



D1NL40-TA2 D1NL40-TR2 ERA22-08



D1NS6 D1NS6-TR ERA22-06AVRBT UF4005PKG23 10ERB20-TB3 1N5404TU



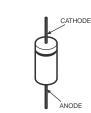
EC10QS-04 EC10QS04-TE12L5



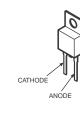
EC21QS03L-TE12L P6SMBJ30A-5 PTZ-TE25-3.9B



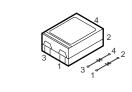
ERA22-08KFLB



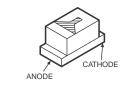
FSF05A60



HN1D03FU-TE85L HN1D03FU-TE85R



**SML-310LTT86** 



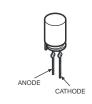
M1FM3



MA132WK MA132WK-TX MA151WK-TX **1SS184** 



UDZSTE-1710B



**UMZ16NT106** 



1PS302



KDL-26M3000/26ML130/32M3000/32ML130

#### **SECTION 4: EXPLODED VIEWS**

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

\* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  $\triangle$  mark are critical for safety. Replace only with part number specified.

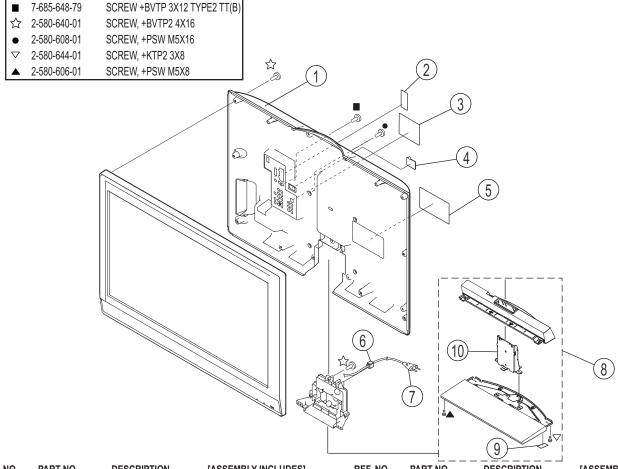
NOTE: Les composants identifies per un trame et une marque sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  $\widehat{\Box}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

#### 4-1. REAR COVER ASSEMBLY AND STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)



	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]		REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY IN	CLUDES]
	1	3-210-430-01	COVER, REAR (26)		*	5	3-270-543-01	LABEL, INFORMATION		
			(KDL-26M3000/26ML13	30 ONLY)				(KDL-32ML130 ONLY)		
	1	3-210-439-01	COVER, REAR (32)		*	5	3-272-478-01	LABEL, INFORMATION		
			(KDL-32M3000/32ML13	30 ONLY)				(KDL-32M3000 LN/LS MC	DDELS ONLY)	
	2	3-217-797-01	LABEL, HDMI			6	4-022-115-00	HOLDER, AC CORD		
	3	3-213-435-01	LABEL, REAR TERMIN	AL	$\triangle$	. 7	1-834-555-11	AC POWER CORD (WITH	H CONNECTOR)	
	4	3-210-448-01	COVER, ECS				(KDL-26M3000/2	6ML130/32M3000/32ML130	US/CND MODELS	S ONLY)
*	5	3-270-540-01	LABEL, INFORMATION		$\triangle$	. 7	1-834-554-11	AC POWER CORD WITH	CONNECTOR	
			(KDL-26M3000 US/CNI	O MODEL ONLY)				(KDL-26M3000/32M3000	LN/LS MODELS (	ONLY)
*	5	3-270-542-01	LABEL, INFORMATION			8	A-1274-853-A	STAND ASSEMBLY (MA)		[9-10]
			(KDL-26ML130 ONLY)					(KDL-26M3000/32M3000	ONLY)	
*	5	3-272-480-01	LABEL, INFORMATION			8	A-1318-635-A	STAND ASSEMBLY (MA)		[9-10]
			(KDL-26M3000 LN/LS I	MODELS ONLY)				(KDL-26ML130/32ML130	ONLY)	
*	5	3-213-436-01	LABEL, INFORMATION			9	3-213-762-01	FOOT (15X30)		
			(KDL-32M3000 US/CNI	O MODEL ONLY)		10	3-106-486-01	NECK (M)		

NOTE: The components identified by shading and  $\triangle$  mark are critical for safety. Replace only with part number specified.

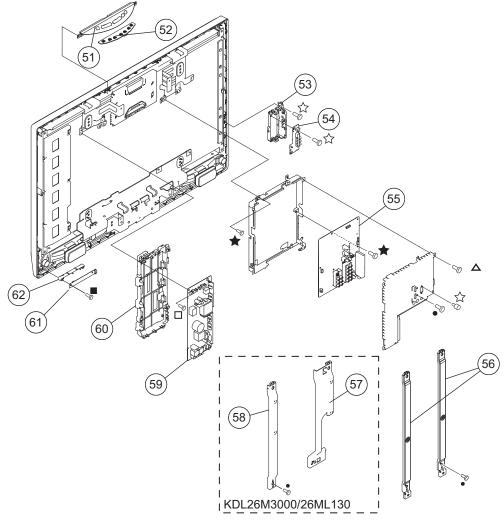
NOTE: Les composants identifies per un trame et une marque \( \triangle \) sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. NOTE: The components identified by a red outline and a  $\stackrel{\frown}{\Box}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

#### 4-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
*	2-580-629-01	SCREW, +BVST 3X8
	2-580-591-01	SCREW, +PSW M3X5
•	2-580-608-01	SCREW, +PSW M5X16
	2-674-965-31	SCREW, +PSW 3SG
☆	4-635-966-01	SCREW (HEX)



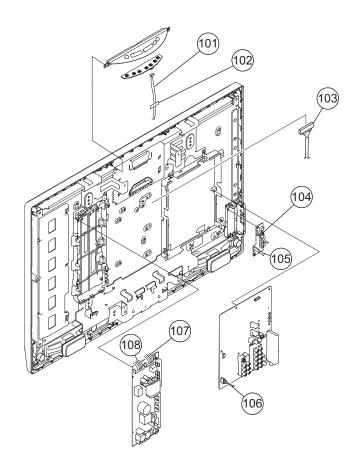
			'					
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]		REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2186-624-1	BUTTON, MULTI ASS	EMBLY		56	X-2177-549-1	VESA ARM(32) ASSEM	MBLY
52	A-1268-471-A	HM1 BOARD, MOUN	ΓED				(KDL-32M3000/32ML1	30 ONLY)
53	3-268-323-11	HOLDER, SIDE JACK	. (S)		57	X-2178-787-1	ARM ASSEMBLY, VES	A (26L)
		(KDL-26M3000/26ML	130 ONLY)				(KDL-26M3000/26ML1	30 ONLY)
53	3-106-473-21	HOLDER, SIDE JACK	(M)		58	X-2178-788-1	ARM ASSEMBLY, VES	A (26R)
		(KDL-32M3000/32ML	130 ONLY)				(KDL-26M3000/26ML1	30 ONLY)
54	A-1268-473-A	UM BOARD, MOUNT	ED		59	A-1315-710-A	G1M BOARD, MOUN	ΓED
	A-1376-787-A	BM BOARD, MOUNT	ΞD	*	60	3-106-471-11	BRACKET, G1	
		(KDL-26M3000/26ML	130 ONLY)		61	A-1268-472-A	HM3 BOARD, MOUNT	ED
	A-1376-788-A	BM BOARD, MOUNTI	ΞD		62	3-210-445-01	GUIDE, LIGHT	
		(KDL-32M3000/32ML	130 ONLY)	1				

NOTE: The components identified by shading and A mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque 🛆 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  $\stackrel{\frown}{}_{}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

**4-3. CONNECTORS** (Check the <u>Sony Electronics Service Information</u> website for any additional service related issues for this model.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-910-038-35	CONN ASSEMBLY, 1	1P MM CRIMP 550	106	1-910-038-30	CONN ASSEMBLY, 4	P SPEAKER FASTON
		(KDL-26M3000/26ML	130 ONLY)			(KDL-26M3000/26ML	130 ONLY)
101	1-910-038-28	CONN ASSEMBLY, 1	1P MM CRIMP 690	106	1-910-038-07	FI CONNECTOR ASS	SEMBLY 30P
		(KDL-32M3000/32ML	130 ONLY)			(KDL-32M3000/32ML	130 ONLY)
102	2-688-062-01	TAPE (LCD)		107	1-910-038-29	CONN ASSEMBLY, 12	2P MM CRIMP 450
103	1-834-383-11	LVDS CABLE		108	1-910-038-36	CONN ASSEMBLY, 14	4P MM CRIMP 300
104	1-910-038-33	CONN ASSEMBLY, 2	OP MM CRIMP 210			(KDL-26M3000/26ML	130 ONLY)
105	1-910-038-32	WIRE ASSEMBLY, FA	ASTON TERMINAL	108	1-910-038-31	CONN ASSEMBLY, 14	4P MM CRIMP 420
						(KDL-32M3000/32ML	130 ONLY)

NOTE: The components identified by shading and  $\triangle$  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque \( \triangle \) sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. NOTE: The components identified by a red outline and a  $\widehat{\Box}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

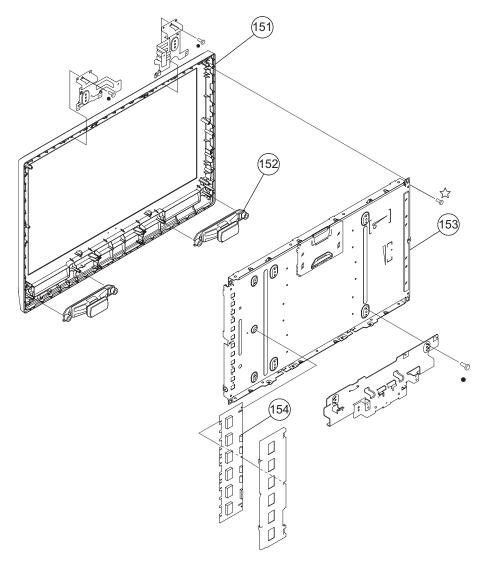
See Appendix A: Encryption Key Components in the back of this manual.

#### 4-4. BEZEL ASSEMBLY, LCD PANEL AND SPEAKERS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

☆ 2-580-654-01 SCREW, +PWTP2 4X16
(KDL-32M3000/32ML130 ONLY)

■ 2-580-600-01 SCREW, +PSW M4X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2178-368-1	BEZEL ASSEMBLY (26)		152	1-826-363-11	LOUDSPEAKER (4.2X	(15CM)
		(KDL-26M3000 ONLY)		153	1-802-268-11	LCD PANEL 26INCH V	VXGA TFT
151	X-2179-761-1	BEZEL ASSEMBLY (26)				(KDL-26M3000/26ML1	30 ONLY)
		(KDL-26ML130 ONLY)		153	1-802-494-11	LCD PANEL (32 INCH	WXGA TFT)
151	X-2178-370-1	BEZEL ASSEMBLY (32)				(KDL-32M3000/32ML1	30 ONLY)
		(KDL-32M3000 ONLY)		154	1-789-720-11	ETC-INVERTER MT B	OARD
151	X-2178-439-1	BEZEL ASSEMBLY (32)				(KDL-26M3000/26ML1	30 ONLY)
		(KDL-32ML130 ONLY)		154	1-789-907-11	ETC-INVERTER MT B	OARD
		,				(KDL-32M3000/32ML1	30 ONLY)

### **SECTION 5: ELECTRICAL PARTS LIST**

NOTE: The components identified by shading and  $\triangle$  mark are critical for safety. Replace only with part number specified.

\* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

RESISTORS

- · All resistors are in ohms
- F: nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

NOTE: Les composants identifies per un trame et une marque sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  $\widehat{\square}$  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

REF. NO	. PART NO.	DESCRIPTION	VALUE	S		 REF. NO.	PART NO.	DESCRIPTION	VALUE	S	
	_					C1731	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
	ll .					C1732	1-165-492-21	ELECT CHIP	100µF	20%	10V
וטוע	Ц					C1733	1-165-492-21	ELECT CHIP	100µF	20%	10V
						C1736	1-216-296-11	SHORT CHIP			
Ĥ	A-1376-787-A	BM BOARD, MOUN	TED			C1739	1-216-296-11	SHORT CHIP			
		(KDL-26M3000/26M)		Y)							
Ĥ	A-1376-788-A	BM BOARD, MOUN				C1742	1-216-296-11	SHORT CHIP			
		(KDL-32M3000/32M	L130 ONL	Y)		C1745	1-216-296-11	SHORT CHIP			
	2-586-175-11	SHEET B, RADIATION				C1752	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
	4-098-157-01	HEAT SINK (DTT)				C1753	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
						C1754	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
	CONTACT TERM	<u>IINAL</u>									
A7301	1-694-974-21	CONTACT TERMINAL				C1755	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
A7302	1-694-974-21	CONTACT TERMINAL				C1756	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
711 002	1 00 1 01 1 2 1	OOM TERMINALE				C2000	1-126-395-11	ELECT CHIP	22µF	20%	16V
	CAPACITOR					C2069	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
	OALAGITOR					C2070	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C1005	1-127-573-11	CERAMIC CHIP	1µF	10%	16V						
C1007	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2073	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C1010	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2074	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C1012	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2075	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C1100	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2077	1-126-396-11	ELECT CHIP	47µF	20%	16V
						C2078	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C1102	1-127-573-11	CERAMIC CHIP	1μF	10%	16V						
C1130	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C1132	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C1403	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C2085	1-126-396-11	ELECT CHIP	47µF	20%	16V
C1714	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2086	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2090	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C1715	1-127-573-11	CERAMIC CHIP	1µF	10%	16V						
C1722	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	C2091	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C1723	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	C2092	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C1724	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2094	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C1725	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C2095	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
						C2096	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C1726	1-165-492-21	ELECT CHIP	100µF	20%	10V						
C1727	1-165-492-21	ELECT CHIP	100µF	20%	10V	C2097	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C1728	1-165-492-21	ELECT CHIP	100µF	20%	10V	C2098	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C1729	1-165-492-21	ELECT CHIP	100µF	20%	10V	C2100	1-135-366-11	ELECT CHIP	100µF	20%	16V
C1730	1-164-156-11	CERAMIC CHIP	0.1µF		25V	C2101	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2102	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V



REF. NO.	PART NO.	DESCRIPTION	VALUE	S		REF. NO.	PART NO.	DESCRIPTION	VALUE	S	
C2103	1-100-764-21	ELECT CHIP	4.7µF	20%	25V	C2159	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2104	1-100-764-21	ELECT CHIP	4.7µF	20%	25V	C2160	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2105	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2161	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2106	1-100-764-21	ELECT CHIP	4.7µF	20%	25V	C2168	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2107	1-126-396-11	ELECT CHIP	47μF	20%	16V	C2169	1-162-979-11	CERAMIC CHIP	0.0027μF		50V
02107	1-120-030-11	LLLOT OTIII	47 μι	20 /0	10 V	02109	1-102-313-11	CLIVAIVIIC OF III	0.0027μ1	10 /0	30 V
C2111	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2170	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2112	1-100-764-21	ELECT CHIP	4.7µF	20%	25V	C2171	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2113	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	C2172	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2114	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2173	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2115	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2174	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2116	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2175	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2117	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C2176	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2118	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C2177	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2119	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2178	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2179	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
00404	1 100 005 11	CEDAMIC CLUB	0.004	100/	50V	00400	1 100 507 04	CEDAMIC CLUB	0.4	100/	25V
C2121	1-100-905-11	CERAMIC CHIP	0.001µF	10%		C2180	1-100-597-91	CERAMIC CHIP	0.1µF	10%	
C2123	1-112-797-11	ELECT CHIP	470µF	20%	25V	C2181	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2124	1-135-349-21	ELECT CHIP	22µF	20%	20V	C2182	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2125	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2183	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2126	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	C2185	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2127	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	C2186	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2128	1-135-349-21	ELECT CHIP	22μF	20%	20V	C2195	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2129	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2196	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2130	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2197	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2131	1-126-396-11	ELECT CHIP	47µF	20%	16V	C2198	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2132	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2199	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2133	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2200	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2134	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V	C2201	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2135	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V	C2204	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2136	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2205	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2137	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V	C2206	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2138	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2207	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2139	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2207	1-164-938-11	CERAMIC CHIP	4.7μ1 0.0015μF	10%	50V
C2140	1-125-889-11	CERAMIC CHIP	0.22μΓ 2.2μF	10%	10V	C2209	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2140	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V	C2209	1-164-938-11	CERAMIC CHIP	0.0015μF		50V
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C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2211	1-164-938-11	CERAMIC CHIP	0.0015µF		50V
C2143	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V	C2212	1-164-938-11	CERAMIC CHIP			50V
C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2213	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2145	1-100-591-91	CERAMIC CHIP	1µF	10%	25V	C2214	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2146	1-100-591-91	CERAMIC CHIP	1µF	10%	25V	C2215	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2149	1-126-396-11	ELECT CHIP	47µF	20%	16V	C2216	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C2149	1-126-396-11	ELECT CHIP	47μF 47μF	20%	16V	C2210	1-100-750-91	CERAMIC CHIP	0.047μF 2.2μF	10%	10V
C2150	1-120-390-11			10%	25V	C2217	1-125-889-11			10%	10V 10V
		CERAMIC CHIP	0.1µF					CERAMIC CHIP	2.2µF		
C2157	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2221	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2158	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V	C2223	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
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REF. NO.	PART NO.	DESCRIPTION	VALUE	S		REF. NO.	PART NO.	DESCRIPTION	VALUI	ES	
C3005	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4509	1-100-899-81	CERAMIC CHIP	0.082µF	10%	10V
C3006	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4510	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3007	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4511	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3010	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C4512	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3011	1-126-206-11	ELECT CHIP	100µF	20%	6.3V	C4513	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
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C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V	C4514	1-100-765-21	ELECT CHIP	10μF	20%	16V
C3057	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4515	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3062	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4516	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3063	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4517	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3066	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4518	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
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C3070	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4519	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3072	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4520	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3076	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C4521	1-100-765-21	ELECT CHIP	10μF	20%	16V
C3081	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4522	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3083	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4523	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3084	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4524	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3110	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V	C4525	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3112	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4526	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3113	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C4527	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3114	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C4528	1-100-765-21	ELECT CHIP	10µF	20%	16V
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C3115	1-162-919-11	CERAMIC CHIP	22pF	5%	50V	C4529	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3116	1-162-919-11	CERAMIC CHIP	22pF	5%	50V	C4530	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3118	1-126-394-11	ELECT CHIP	10µF	20%	16V	C4531	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C3119	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C4532	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4533	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
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C4030	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C4534	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4033	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	C4538	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4034	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V	C4539	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4035	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C4540	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4040	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4544	1-126-210-21	ELECT CHIP	220µF	20%	4V
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C4041	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C4545	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4042	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C4546	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C4043	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C4547	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4044	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C4548	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C4045	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C4549	1-128-396-11	ELECT CHIP	470µF	20%	10V
C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4049	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C5005	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C4501	1-100-756-91	CERAMIC CHIP	0.047µF		50V	C5006	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C4502	1-100-756-91	CERAMIC CHIP	0.047µF		50V	C5008	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C4503	1-100-756-91	CERAMIC CHIP	0.047µF		50V	C5009	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C4504	1-100-756-91	CERAMIC CHIP	0.047µF		50V	C5502	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C4505	1-100-756-91	CERAMIC CHIP	0.047µF		50V	C5505	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C4506	1-100-756-91	CERAMIC CHIP	0.047µF	,	50V	C5509	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C4507	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C5510	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C4508	1-164-174-11	CERAMIC CHIP	0.0082µF	10%	25V	C5528	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V



REF. NO.	PART NO.	DESCRIPTION	VALUE	S		REF. NO.	PART NO.	DESCRIPTION	VALU	ES	
C5529	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7033	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C5530	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C5531	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V	C7035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5623	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7036	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C5624	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7037	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C5625	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V	C7038	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C5626	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7039	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C5627	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C5628	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7041	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5629	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7042	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C5630	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7043	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C5631	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7044	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C5632	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7045	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C5633	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7046	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C5634	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
00004	1-112-000-11	OLIVAIVIIO OTIII	ιομι	10 /0	10 V	01041	1-104-002-11	OLIVAIVIIO OTIII	22001	J /0	10 V
C5635	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C5636	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C5637	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7000	1-135-960-91	CERAMIC CHIP	0.001μ1 10μF	10%	25V	C7051	1-135-960-91	CERAMIC CHIP	220βi 10μF	10%	25V
C7000	1-135-960-91	CERAMIC CHIP	10μΓ 10μF	10%	25V 25V	C7051	1-135-960-91	CERAMIC CHIP	10μΓ 10μF	10%	25V
07001	1-133-300-31	OLIVAIVIIC OTIII	ισμι	10 /0	23 V	07032	1-133-300-31	OLIVAIVIIC OTIII	ισμι	10 /0	237
C7002	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7053	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7003	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7054	1-165-908-11	CERAMIC CHIP	.μ. 1μF	10%	10V
C7004	1-128-536-11	ELECT CHIP	100µF	20%	25V	C7055	1-165-908-11	CERAMIC CHIP	.μ. 1μF	10%	10V
C7005	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	C7056	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7006	1-112-794-11	ELECT CHIP	470μF	20%	16V	C7057	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
07000	1 112 754 11	LLLOT OTH	47 ομί	2070	10 V	01001	1 100 000 01	OLIV IIVIIO OTIII	υ. τμι	10 /0	201
C7007	1-135-960-91	CERAMIC CHIP	10μF	10%	25V	C7058	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7008	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V	C7059	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7009	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C7060	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7010	1-127-820-11	CERAMIC CHIP	4.7μF	10%	16V	C7061	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7011	1-112-789-11	ELECT CHIP	4.7μ1 1000μF	20%	6.3V	C7062	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
01011	1 112 700 11	LLLO1 OIIII	1000µ1	2070	0.0 v	01002	1 100 000 01	OLIV WING OTH	υ. τμι	1070	201
C7012	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C7063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7015	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V	C7064	1-165-908-11	CERAMIC CHIP	.μ. 1μF	10%	10V
C7019	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7065	1-100-912-11	CERAMIC CHIP	.μ. 1μF	10%	25V
C7020	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7066	1-100-912-11	CERAMIC CHIP	.μ. 1μF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7067	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
07021	1-120-210-21	LLLOT OTIII	ΖΖΟμΙ	2070	TV	01001	1-100-000-01	OLIVAIVIIO OTIII	υ. τμι	10 /0	201
C7023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7068	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7024	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7073	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	C7074	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C7026	1-164-937-11	CERAMIC CHIP	0.22μι 0.001μF	10%	50V	C7075	1-135-960-91	CERAMIC CHIP	10μF	10%	25V
C7020	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7076	1-135-960-91	CERAMIC CHIP	10μΓ 10μF	10%	25V
01021	1 10 <del>1</del> -002-11	OLIVIIVIIO OI III	оорі	J /U	00 V	0,010	1 100-000 <b>-</b> 01	OLIVIIVIIO OI III	ισμι	10 /0	20 V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7077	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7029	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7078	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7030	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7079	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7030	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7080	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7081	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
01002	1-104-002-11	OLI VAIVIIO OI III	σομι	J /0	JU V	57001	1-100-000-11	OLI VAIVIIO OI III	- - - -	ZU /0	101



REF. NO.	PART NO.	DESCRIPTION	VALUE	S		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
C7086	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C7233	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7087	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C7234	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7088	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C7235	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7089	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C7236	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7090	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7237	1-114-148-11	CERAMIC CHIP	1μF		6.3V
01000	1 120 210 21	LLLO1 OIIII	ΖΖΟΜΙ	2070	1 4	01201	1 111 110 11	OLI V WIIIO OT III	·μ·		0.0 v
C7091	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	C7238	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7092	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7239	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7093	1-100-583-21	ELECT CHIP	470µF	20%	4V	C7240	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7094	1-126-392-11	ELECT CHIP	100µF	20%	6.3V	C7241	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7100	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7242	1-100-583-21	ELECT CHIP	470µF	20%	4V
01100	1 100 0 10 11	02.0 0000	σ. η	1070	101	01212	1 100 000 21	22201 01111	11041	2070	
C7106	1-112-794-11	ELECT CHIP	470µF	20%	16V	C7243	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7107	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V	C7244	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7200	1-100-583-21	ELECT CHIP	470µF	20%	4V	C7245	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7201	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7246	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7202	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7247	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
0.202		000 0	٠١٣٠	, ,		0.2		0 1 0 0	٠٣.	.070	
C7203	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7248	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V
C7204	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7249	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7205	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7250	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7251	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7252	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
						0.202					
C7208	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7253	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7209	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7254	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7255	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7211	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7256	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7212	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7257	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7213	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7258	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7259	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7215	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7260	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7216	1-100-583-21	ELECT CHIP	470µF	20%	4V	C7261	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7217	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7262	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7218	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7263	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7219	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7264	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7220	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7266	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7267	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7268	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7224	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7269	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7225	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7270	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7226	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7271	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7227	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7272	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
07000	1 100 010 14	CEDAMIC CUID	0.4	100/	16)/	07070	1 105 000 44	OEDAMIO OLUB	40	400/	6 01/
C7228	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7273	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7229	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7274	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7230	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7275	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7231	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7276	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7232	1-114-148-11	CERAMIC CHIP	1µF		6.3V	C7277	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V



REF. NO.	PART NO.	DESCRIPTION	VALUE	S		REF. NO.	PART NO.	DESCRIPTION	VALUI	ES	
C7278	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C7515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7279	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	C7600	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7280	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7700	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7300	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7701	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7301	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
01001	1 100 000 01	OLI WINIO OTIII	υ. ιμι	10 /0	201	01102	1 100 010 11	OLI WINIO OT III	υ. τμι	1070	101
C7302	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	C7703	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7303	1-100-055-11	CERAMIC CHIP	22µF	20%	16V	C7704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7305	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7306	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V	C7706	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7707	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
01 100	1 100 010 11	0210 mm 0 01 m	0.141	1070	101		1 100 010 11	OLI U IIII O OTIII	σ μ.	1070	101
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7720	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7800	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7403	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V	C7801	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7805	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
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C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7807	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7808	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7809	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7810	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7811	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
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C7411	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7812	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7412	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7813	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7413	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7814	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7417	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7815	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7816	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
			,								
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7817	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7422	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7818	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7424	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7819	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7425	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7430	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V	C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7431	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7432	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7433	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7501	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7504	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7505	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7831	1-107-819-11	CERAMIC CHIP	0.022µF	10%	16V
C7506	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7832	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C7507	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7833	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C7509	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
07540	4 400 040 44	OFDAMIC CUID	0.4.5	400/	4017	07000	4 404 000 44	OEDANIC CUID	07.5	E0/	F0\/
C7510	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7511	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	
C7512	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V	C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	
C7513	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7514	1-165-875-11	CERAMIC CHIP	10μF	10%	10V	C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V



REF. NO.	PART NO.	DESCRIPTION	VALUE	s		REF. NO.	PART NO.	DESCRIPTION	VALUI	ES	
C7842	1-100-581-81	CERAMIC CHIP	0.0047µF	10%	50V	C9116	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7844	1-117-681-11	ELECT CHIP	100µF	20%	16V	C9117	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7845	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9118	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7846	1-137-765-21	ELECT CHIP	47µF	20%	16V	C9119	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7847	1-164-939-11	CERAMIC CHIP	0.0022µF		50V	C9121	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
•.•		02.0	0.00==μ.	, ,		55.2.		0_100 0	0.0.4.	, ,	
C7848	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V	C9122	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7849	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V	C9123	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7850	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C9124	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7852	1-128-396-11	ELECT CHIP	470µF	20%	10V	C9125	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7853	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V	C9126	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
01000	1 100 007 01	OLIVIUMO OTIM	0.0 τμι	10 /0	201	00120	1 102 010 11	OLI WINIO OTIII	0.0 τμι	1070	201
C7854	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	C9127	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7855	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	C9128	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7856	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C9129	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7857	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V	C9130	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C9131	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
01000	1 101 07 1 11	OLI V WING OT III	тоорг	070	001	00101	1 102 070 11	OLI WINIO OTIII	0.0 τμι	10 /0	201
C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C9132	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7862	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V	C9133	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7863	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9134	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7864	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9135	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7866	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C9136	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
07000	1-104-074-11	OLIVAIVIIO OTIII	тоорг	J /0	30 V	03130	1-102-370-11	OLIVAINIO OTIII	0.0 τμι	10 /0	201
C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C9137	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7870	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C9138	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7871	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	C9139	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7878	1-128-396-11	ELECT CHIP	470µF	20%	10V	C9140	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7879	1-162-995-11	CERAMIC CHIP	0.022µF	2070	50V	C9143	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
01010	1 102 000 11	0210 HIIIO 01 III	0.022μ1		001	00110	1 102 001 11	ozi w wiio or iii	0.001	1070	001
C7950	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V	C9144	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7951	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V	C9145	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7952	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C9146	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7953	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9147	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7954	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9149	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
			****						P		
C7956	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9150	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7958	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9151	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7959	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C9152	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C9100	1-126-210-21	ELECT CHIP	220µF	20%	4V	C9153	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9101	1-126-210-21	ELECT CHIP	220µF	20%	4V	C9154	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
			'						'		
C9105	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9155	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9106	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9156	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9107	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9157	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9108	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9158	1-162-968-11	CERAMIC CHIP	0.0047µF		50V
C9110	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9159	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9111	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9160	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9112	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9161	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9113	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9162	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9114	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C9163	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C9115	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V						
						1					



REF. NO.	PART NO.	DESCRIPTION	VALUES		REF. NO.	PART NO.	DESCRIPTION	VALUES	
	CONNECTOR				D5517	6-500-701-01	DIODE	PGB1010603NF	R
					D5525	1-216-864-11	SHORT CHIP		
CN1400	1-819-928-11	HEADER ASSENBLY		20P	D5528	1-216-864-11	SHORT CHIP		
CN2000	1-819-461-11	HEADER ASSEMBLY			D7000	8-719-081-97	DIODE	MMDL914T1	
CN3004	1-779-936-51	CONNECTOR, FFC/F		18P	D7001	8-719-988-61	DIODE	1SS355TE-17	
CN3008	1-820-188-11	HEADER ASSEMBLY	(PRINT PWB)	11P					
CN4001	1-820-550-11	HEADER ASSEMBLY	FOR PWB		D7002	6-500-253-01	DIODE	RB053L-30TE2	5
					D7003	8-719-977-28	DIODE	DTZ10B	•
CN5000	1-821-013-11	D SUB CONNECTOR			D7004	8-719-977-12	DIODE	DTZ6.8B	
CN7301	1-819-333-11	HEADER ASSEMBLY	FOR PWB		D7004 D7008	8-719-083-58	DIODE	UDZSNPTE-17	3 OD
CN7303	1-820-187-11	HEADER ASSEMBLY	(PRINT PWB)	10P	D7000 D7010	8-719-081-34	DIODE	RB160M-30TR	3.90
CN7600	1-793-141-21	PIN, CONNECTOR (P	C BOARD)	15P	D/010	0-7 19-001-34	DIODE	KD 1001VI-301K	
CN9102	1-818-656-21	HEADER ASSEMBLY	,	30P	D7040	0.740.004.04	DIODE	DD400M 00TD	
					D7013	8-719-081-34	DIODE	RB160M-30TR	_
	DIODE				D7019	6-500-253-01	DIODE	RB053L-30TE2	5
	DIODL				D7201	8-719-081-97	DIODE	MMDL914T1	
D1013	8-719-423-03	DIODE	MA8100		D7500	8-719-073-34	DIODE	EC21QS03L-TE	E12L
D1014	8-719-423-03	DIODE	MA8100		D7801	8-719-058-24	DIODE	RB501V-40TE-	17
D1015	8-719-423-03	DIODE	MA8100						
D1016	8-719-423-03	DIODE	MA8100		D7802	8-719-422-46	DIODE	MA8056	
D1019	8-719-423-03	DIODE	MA8100		D7803	8-719-422-46	DIODE	MA8056	
DIVIO	0-7 13-425-00	DIODL	WIAOTOO						
D1020	8-719-423-03	DIODE	MA8100			EARTH TERMIN	AL		
D1020	8-719-423-03	DIODE	MA8100				<del></del>		
					ET4001	1-780-482-11	EARTH TERMINAL		
D2002	8-719-404-50	DIODE	MA111-TX		ET4002	1-780-482-11	EARTH TERMINAL		
D2008	8-719-404-50	DIODE	MA111-TX		ET4003	1-780-482-11	EARTH TERMINAL		
D2014	6-500-028-01	DIODE	MM3Z9V1ST1						
D0047	0.740.050.07	DIODE	144144450144 T4		ET4004	1-780-482-11	EARTH TERMINAL		
D2017	8-719-050-37	DIODE	M1MA152WA-T1		ET4005	1-780-482-11	EARTH TERMINAL		
D2018	8-719-977-28	DIODE	DTZ10B		ET4006	1-780-482-11	EARTH TERMINAL		
D2019	8-719-977-28	DIODE	DTZ10B		ET4007	1-780-482-11	EARTH TERMINAL		
D2020	8-719-422-46	DIODE	MA8056		* ET4012	1-780-431-11	ON-BOARD CONTACT		
D2021	8-719-422-46	DIODE	MA8056						
					* ET4013	1-780-431-11	ON-BOARD CONTACT		
D2022	8-719-422-46	DIODE	MA8056		211010	1700 101 11	ON BONNE CONTINO		
D3002	8-719-071-87	DIODE	MA785-(TX),SO			EIICE			
D3007	8-719-077-59	DIODE	1PS302			<u>FUSE</u>			
D3020	8-719-422-46	DIODE	MA8056		F2000	1-576-958-21	FUSE	4A	24V
D3021	8-719-422-46	DIODE	MA8056		F3001	1-576-646-11	FUSE	0.5A	50V
					F4001	1-576-933-21	FUSE	5A	24V
D4012	8-719-017-89	DIODE	MA8150-TX		⚠ F7000	1-576-603-21	FUSE	3.15A	24V
D5000	8-719-422-46	DIODE	MA8056		2.3 17000	1-010-000-21	1 UUL	0.10/1	∠ <del>1</del> V
	8-719-422-46	DIODE	MA8056			EEDDITE DE AD			
D5001						FERRITE BEAD			
D5002	8-719-422-46	DIODE	MA8056		FB1700	1-216-864-11	SHORT CHIP		
D5003	8-719-050-38	DIODE	M1MA152WK-T1		FB1701	1-412-983-31	INDUCTOR	2.2µH	
		21025			1			2.2μπ 0μΗ	
D5506	6-500-701-01	DIODE	PGB1010603NR		FB2000	1-400-212-22	FERRITE	•	
D5508	8-719-081-97	DIODE	MMDL914T1		FB2006	1-400-089-21	FERRITE	0μH	
D5509	6-500-701-01	DIODE	PGB1010603NR		FB2007	1-400-089-21	FERRITE	0μΗ	
D5513	6-500-701-01	DIODE	PGB1010603NR						
D5516	8-719-081-97	DIODE	MMDL914T1		FB2008	1-400-089-21	FERRITE	0μΗ	
					FB2009	1-400-089-21	FERRITE	0μΗ	
						1-400-089-21	FERRITE	0μΗ	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
FB2012	1-400-089-21	FERRITE	0μΗ	FB7807	1-469-083-21	FERRITE	0μΗ
FB2013	1-400-089-21	FERRITE	0μΗ	FB7808	1-400-198-21	FERRITE	0μΗ
				FB7809	1-400-198-21	FERRITE	0μH
FB2014	1-400-089-21	FERRITE	0μΗ	FB9101	1-400-089-21	FERRITE	0μH
FB4001	1-400-089-21	FERRITE	0μH				
FB4002	1-400-110-21	FERRITE	0μΗ		<u>FILTER</u>		
FB4003	1-400-089-21	FERRITE	0μΗ		<u> </u>		
FB4005	1-414-445-11	FERRITE	0μΗ	FL3001	1-234-177-21	FERRITE	0μΗ
1 5 1000	1 111 110 11	TERRITE	ομι ι	FL5501	1-234-177-21	FERRITE	0μΗ
FB4006	1-414-445-11	FERRITE	0μΗ	FL5502	1-234-177-21	FERRITE	0μH
			•				•
FB4007	1-414-445-11	FERRITE	0μΗ		<u>IC</u>		
FB4008	1-400-591-22	FERRITE	0μΗ		<u></u>		
FB4009	1-400-591-22	FERRITE	0μΗ	IC1001	8-759-548-56	IC	M52055FP
FB4010	1-400-591-22	FERRITE	0μΗ	IC2004	8-759-278-58	IC	NJM4558V-TE2
				IC2005	8-759-460-79	IC	BA09FP-E2
FB4011	1-400-591-22	FERRITE	0μΗ	IC2006	8-759-278-58	IC	NJM4558V-TE2
FB4013	1-400-089-21	FERRITE	0μΗ	IC2008	6-709-927-01	IC	RT8H225C-TP-2
FB4501	1-412-983-31	INDUCTOR	2.2µH	102000	0.0002.0.		
FB4502	1-469-555-21	INDUCTOR	10µH	IC2009	6-710-904-01	IC	TPA3100D2PHPR
FB5000	1-469-100-21	FERRITE	0μH	IC2010	8-759-359-49	IC	NJM3414AV(TE2)
			'				RT8H225C-TP-2
FB5001	1-469-100-21	FERRITE	0μΗ	IC2011	6-709-927-01	IC	
FB5002	1-469-100-21	FERRITE	0μΗ	IC2013	6-701-105-01	IC	NJM2750M-TE2
FB5004	1-469-100-21	FERRITE	0μH	IC2014	6-707-181-01	IC	AK5366VQ-L
FB5005	1-409-100-21	FERRITE	0μH				
			•	IC2015	6-704-819-01	IC	CS4335-KSZR
FB7000	1-400-794-21	FERRITE	0μΗ	IC2016	6-704-819-01	IC	CS4335-KSZR
				IC3005	6-704-607-01	IC	M24C16-WMN6T(B)
FB7003	1-400-089-21	FERRITE	0μΗ	IC3007	6-709-731-01	IC	ADT75ARZ-REEL
⚠ FB7200	1-414-229-11	FERRITE	0μΗ	IC3009	6-709-517-01	IC	S-35390A-J8T1G
⚠ FB7201	1-414-229-11	FERRITE	0μΗ				
FB7202	1-414-229-11	FERRITE	0μΗ	IC3010	6-801-402-01	IC	BD4729GTR
FB7203	1-414-229-11	FERRITE	0μΗ	IC3011	6-806-734-01	IC	MB95F118ASPMT-G-SPE1
				△ IC4501	6-711-281-01	IC	AD9380KSTZ-100
FB7204	1-414-229-11	FERRITE	0μΗ	IC5000	6-704-600-01	IC	M24C02-WMN6T(B)
FB7300	1-400-089-21	FERRITE	0μΗ				. ( )
FB7301	1-400-089-21	FERRITE	0μH	IC5001	6-707-846-01	IC	TC74LCX14FT(EKJ)
FB7302	1-414-229-11	FERRITE	0μΗ				
FB7303	1-414-229-11	FERRITE	0μH	IC5501	6-704-001-01	IC	BR24L02F-WE2
1 07 303	1-414-223-11	ILIMIIL	<b>υμ</b> ι τ	IC5503	6-704-001-01	IC	BR24L02F-WE2
FD7400	1 414 220 11	CCDDITC	Out	IC5511	6-708-758-01	IC	PCA9517DP.118
FB7400	1-414-229-11	FERRITE	0μΗ	IC5512	8-759-596-34	IC	SN74LV4053APWR
⚠ FB7700	1-414-229-11	FERRITE	0μΗ	IC5513	8-753-255-97	IC	CXB1441R-T4
FB7701	1-414-229-11	FERRITE	0μΗ				
FB7800	1-414-229-11	FERRITE	0μΗ	IC7000	6-702-142-01	IC	PQ1CY1032ZP
FB7801	1-218-990-81	SHORT CHIP		IC7001	6-708-171-01	IC	MIC5235YM5TR
				IC7002	6-703-708-01	IC	LM2903DT
FB7802	1-218-990-81	SHORT CHIP		IC7003	6-703-175-01	IC	PST3629UL
FB7803	1-469-084-21	FERRITE	0MH	△ IC7004	6-709-075-01	IC	TPS5124DBTRG4
FB7804	1-469-083-21	FERRITE	0μΗ	2.3 10/004	0-100-010-01	10	11 00124DD1N04
FB7805	1-469-083-21	FERRITE	0μH	A 10700F	6 700 075 04	IC	TDCE404DDTDC4
FB7806	1-469-083-21	FERRITE	0μΗ	△ IC7005	6-709-075-01	IC	TPS5124DBTRG4
	300 21		ΔF	IC7006	6-707-739-01	IC	MM1661JTRE
				IC7300	6-711-353-01	IC	100CK2254
				IC7301	6-700-631-01	IC	TPS2051ADR
				IC7400	6-711-198-01	IC	HYB18TC512160BF-2.5



REF. I	NO. PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
IC750	1 6-709-504-01	IC	K9F5608U0D-PCB0T	L5502	1-457-223-11	INDUCTOR	0μΗ
⚠ IC750		IC	M25P40-VMN6TP	L5503	1-457-223-11	INDUCTOR	OμH
IC750		IC	SN74LVC32APWR	L5504	1-457-223-11	INDUCTOR	0μH
IC750		IC	BA33BC0FP-E2	L7001	1-457-242-11	INDUCTOR	47μH
IC750		IC	CD74HC4538PWR	L7002	1-424-976-21	INDUCTOR	47µH
IC795	60 8-759-338-95	IC	NJM2903V(TE2)	L7004	1-424-922-21	INDUCTOR	10μH
IC910		IC	CXD9690Q	L7005	1-424-922-21	INDUCTOR	10µH
IC910		IC	THC63LVD103	L7006	1-400-325-11	INDUCTOR	5.6µH
IC910		IC	PST3629NR	L7007	1-400-281-11	INDUCTOR	10μH
10010	0 701 000 01	10	1 0100201111	L7201	1-400-180-21	FERRITE	0μΗ
	<u>JACK</u>			27201	1 400 100 21	LIMMIL	<b>υμ</b> ιι
	JACK			L7300	1-400-284-21	INDUCTOR	0μΗ
J1000	1-780-487-11	S TERMINAL BLOCK		L7431	1-400-204-21	FERRITE	0μH
J1100	1-821-064-11	PHONO JACK	10P	L7720	1-400-180-21	FERRITE	0μH
J1701	1-820-765-11	PHONO JACK	2P	L7800	1-412-973-11	INDUCTOR	0.33µH
J1710	1-820-638-11	JACK (SMALL TYPE)		L7801	1-412-973-11	INDUCTOR	0.33µ1 0.22µH
* J1722		PIN JACK BLOCK	1P	L/001	1-412-9/1-31	INDUCTOR	υ.22μΠ
				1 7000	1 110 071 01	INDUCTOR	0.22
J5505	1-818-737-11	HDMI CONNECTOR		L7802	1-412-971-31	INDUCTOR	0.22µH
J5506		HDMI CONNECTOR		L7805	1-412-973-11	INDUCTOR	0.33µH
				L7806	1-412-974-41	INDUCTOR	0.39µH
	COIL			L7807	1-412-974-41	INDUCTOR	0.39µH
	<u>0012</u>			L7808	1-469-555-21	INDUCTOR	10μH
L1001	1-469-555-21	INDUCTOR	10μH	1.7000	4 440 070 04	INIDILIOTOR	0.07.11
L1007	7 1-412-983-31	INDUCTOR	2.2µH	L7809	1-412-972-31	INDUCTOR	0.27µH
L2005	1-469-555-21	INDUCTOR	10μH	L7810	1-412-972-31	INDUCTOR	0.27µH
L2011	1-469-555-21	INDUCTOR	10μH	L7811	1-469-555-21	INDUCTOR	10μH
L2015	1-469-555-21	INDUCTOR	10µH	L7812	1-469-555-21	INDUCTOR	10µH
				L7813	1-469-555-21	INDUCTOR	10μH
L2016	3 1-481-083-11	INDUCTOR	22µH				
L2017	7 1-412-058-11	INDUCTOR	10µH	L7814	1-469-555-21	INDUCTOR	10μH
L2018	3 1-457-429-11	INDUCTOR	22µH	L7815	1-469-555-21	INDUCTOR	10μΗ
L2019	1-457-429-11	INDUCTOR	22µH	L7817	1-400-180-21	FERRITE	0μΗ
L2022	2 1-469-555-21	INDUCTOR	10μΗ	L7818	1-400-180-21	FERRITE	0μΗ
			•	L7819	1-469-555-21	INDUCTOR	10μH
L2023	3 1-216-864-11	SHORT CHIP					
L2025		INDUCTOR	10μH	L7820	1-400-180-21	FERRITE	0μH
L2026		INDUCTOR	22µH	L7821	1-400-180-21	FERRITE	0μH
L2027		INDUCTOR	22µH	L7822	1-400-180-21	FERRITE	0μΗ
L3002		FERRITE	0μH	L7824	1-400-180-21	FERRITE	0μΗ
_0002			r	L7825	1-400-180-21	FERRITE	0μΗ
L4501	1-469-555-21	INDUCTOR	10μH				
L4502		INDUCTOR	10μH	L7826	1-400-180-21	FERRITE	0μΗ
L4503		INDUCTOR	10μH	L7827	1-400-180-21	FERRITE	0μΗ
L4504		INDUCTOR	10μH	L9100	1-469-555-21	INDUCTOR	10μH
L4505		INDUCTOR	10μH	L9101	1-412-029-11	INDUCTOR	10μH
LTOUC	, 1 700-000-21	INDUCTOR	ισμιι	L9103	1-469-555-21	INDUCTOR	10µH
L5005	5 1-457-223-11	INDUCTOR	0μH				·
L5006			0μH	L9104	1-469-555-21	INDUCTOR	10μH
		INDUCTOR	·	L9105	1-469-555-21	INDUCTOR	10µH
L5007		INDUCTOR	0μH	L9106	1-456-984-11	INDUCTOR	0μΗ
L5008		INDUCTOR	0μH	L9107	1-456-984-11	INDUCTOR	0μH
L5501	1-457-223-11	INDUCTOR	0μΗ	L9108	1-456-984-11	INDUCTOR	0μH
				[ 5100	1 700 007-11	MEDOTOR	νμι ι



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
L9109	1-456-984-11	INDUCTOR	0μΗ	Q7800	6-551-696-01	TRANSISTOR	ISA1235	AC1TP-1	ΞF
L9110	1-456-984-11	INDUCTOR	0μΗ	Q7802	6-551-699-01	TRANSISTOR	ISA1602	AM1TP-1	EF
L9111	1-400-177-21	FERRITE	0μΗ	Q7803	8-729-620-07	TRANSISTOR	2SC305	2EF-T1-LE	F
				Q7804	8-729-620-07	TRANSISTOR	2SC305	2EF-T1-LE	≣F
	<u>IC LINK</u>			Q7807	8-729-620-13	TRANSISTOR	2SC415	4TP-1EF	
PS5000	1-576-646-11	FUSE	0.5A 50V	Q9100	8-729-600-22	TRANSISTOR	2SA123	5-F	
⚠ PS7000	1-576-925-11	IC LINK	3.15A 0V	Q9101	8-729-620-07	TRANSISTOR	2SC305	2EF-T1-LE	EF.
⚠ PS7001	1-576-925-11	IC LINK	3.15A 0V						
	TRANSISTOR				RESISTOR				
Q1007	8-729-422-27	TRANSISTOR	2SD601A-Q	R1012	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q2006	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R1013	1-218-990-81	SHORT CHIP			
Q2000 Q2007	6-551-364-01	TRANSISTOR	DTC614TUT106	R1014	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q2007 Q2008	6-551-364-01	TRANSISTOR	DTC614TUT106	R1015	1-218-990-81	SHORT CHIP			
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1016	1-218-990-81	SHORT CHIP			
				R1021	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R	R1022	1-218-990-81	SHORT CHIP			
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM	R1023	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM	R1024	1-218-990-81	SHORT CHIP			
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1025	1-218-990-81	SHORT CHIP			
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106						
Q2018	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1102	1-218-831-11	METAL CHIP	220		1/10W
Q2019	6-551-364-01	TRANSISTOR	DTC614TUT106	R1103	1-218-831-11	METAL CHIP	220		1/10W
Q2013	6-551-364-01	TRANSISTOR	DTC614TUT106	R1104	1-218-831-11	METAL CHIP	220		1/10W
Q2020 Q2021	8-729-422-27	TRANSISTOR	2SD601A-Q	R1105	1-218-933-11	RES-CHIP	22	5%	1/16W
Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1106	1-218-831-11	METAL CHIP	220	0.50%	1/10W
				R1107	1-218-831-11	METAL CHIP	220	0.50%	1/10W
Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106	R1108	1-218-831-11	METAL CHIP	220		1/10W
Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106	R1109	1-218-933-11	RES-CHIP	22	5%	1/16W
Q4011	8-729-907-00	TRANSISTOR	DTC114EU	R1110	1-218-831-11	METAL CHIP	220		1/10W
Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1111	1-218-831-11	METAL CHIP	220		1/10W
Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106						
04047	0 700 000 07	TDANCICTOD	DTC114TUA-T106	R1112	1-218-831-11	METAL CHIP	220	0.50%	1/10W
Q4017	8-729-028-97	TRANSISTOR		R1113	1-218-933-11	RES-CHIP	22	5%	1/16W
Q4018	8-729-054-36	TRANSISTOR	UPA1716G-E2	R1114	1-218-990-81	SHORT CHIP			
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R1115	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q4502 Q4503	8-729-620-07 8-729-620-07	TRANSISTOR TRANSISTOR	2SC3052EF-T1-LEF 2SC3052EF-T1-LEF	R1116	1-218-990-81	SHORT CHIP			
Q 1000	0 120 020 01	110 110 10 10 1	200000227 17 227	R1117	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)	R1132	1-218-831-11	METAL CHIP	220		1/10W
Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)	R1133	1-218-831-11	METAL CHIP	220		1/10W
Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1134	1-218-831-11	METAL CHIP	220		1/10W
Q5624	8-729-907-00	TRANSISTOR	DTC114EU	R1135	1-218-933-11	RES-CHIP	22	5%	1/16W
Q5625	8-729-907-00	TRANSISTOR	DTC114EU	111100	1 210 000 11	NEO OTIII		070	171011
⚠ Q7000	8-729-046-04	TRANSISTOR	FDS6690A	R1136	1-218-831-11	METAL CHIP	220		1/10W
△ Q7000	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R1137	1-218-831-11	METAL CHIP	220		1/10W
△ Q7001 △ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R1138	1-218-831-11	METAL CHIP	220		1/10W
⚠ Q7002 ⚠ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R1139	1-218-933-11	RES-CHIP	22	5%	1/16W
△ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R1140	1-218-831-11	METAL CHIP	220	0.50%	1/10W
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REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R1141	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1876	1-216-864-11	SHORT CHIP			
R1142	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1877	1-216-864-11	SHORT CHIP			
R1143	1-218-933-11	RES-CHIP	22	5%	1/16W	R1878	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1144	1-218-990-81	SHORT CHIP				R1885	1-216-864-11	SHORT CHIP			
R1145	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1886	1-216-864-11	SHORT CHIP			
R1146	1-218-990-81	SHORT CHIP				R1887	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1147	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1894	1-216-864-11	SHORT CHIP	220	0.50 /0	1/1044
R1401	1-216-864-11	SHORT CHIP	47010	J /0	1/1000	R1914	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1402 R1403	1-218-990-81 1-218-990-81	SHORT CHIP SHORT CHIP				R1915 R1916	1-218-831-11 1-218-831-11	METAL CHIP METAL CHIP	220 220		1/10W 1/10W
111403	1-210-330-01	OHOICI OHII				1(1310	1-210-001-11	WILIAL OTH	220	0.50 /0	1/1044
R1404	1-218-990-81	SHORT CHIP				R1917	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1405	1-218-990-81	SHORT CHIP				R1918	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1406	1-218-990-81	SHORT CHIP				R1919	1-218-941-81	RES-CHIP	100	5%	1/16W
R1408	1-216-864-11	SHORT CHIP				R1920	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R1700	1-218-981-91	RES-CHIP	220K	5%	1/16W	R1922	1-218-990-81	SHORT CHIP			
R1701	1-218-981-91	RES-CHIP	220K	5%	1/16W	R1923	1-218-990-81	SHORT CHIP			
R1702	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1924	1-216-864-11	SHORT CHIP			
R1702		RES-CHIP	2.2K	5%	1/16W	R1925	1-216-864-11	SHORT CHIP			
	1-218-957-11							SHORT CHIP			
R1710	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1926	1-216-864-11				
R1711	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1927	1-216-864-11	SHORT CHIP			
R1712	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1928	1-216-864-11	SHORT CHIP			
R1713	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1929	1-216-864-11	SHORT CHIP			
R1720	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1930	1-216-864-11	SHORT CHIP			
R1721	1-218-985-11	RES-CHIP	470K	5%	1/16W	R1931	1-216-864-11	SHORT CHIP			
R1722	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1932	1-216-864-11	SHORT CHIP			
R1723	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1933	1-216-864-11	SHORT CHIP			
R1726	1-216-864-11	SHORT CHIP				R1934	1-216-864-11	SHORT CHIP			
R1727	1-216-864-11	SHORT CHIP				R1935	1-216-864-11	SHORT CHIP			
R1728	1-216-864-11	SHORT CHIP				R1936	1-216-864-11	SHORT CHIP			
R1822	1-218-990-81	SHORT CHIP				R1937	1-216-864-11	SHORT CHIP			
7,000						<b>-</b>					
R1832	1-218-990-81	SHORT CHIP				R1938	1-216-864-11	SHORT CHIP			
R1833	1-218-990-81	SHORT CHIP				R1939	1-216-864-11	SHORT CHIP			
R1836	1-218-990-81	SHORT CHIP				R1940	1-216-295-91	SHORT CHIP			
R1839	1-218-990-81	SHORT CHIP				R1941	1-216-295-91	SHORT CHIP			
R1842	1-218-990-81	SHORT CHIP				R1942	1-216-295-91	SHORT CHIP			
R1845	1-218-990-81	SHORT CHIP				R1943	1-216-295-91	SHORT CHIP			
R1848	1-218-990-81	SHORT CHIP				R1944	1-216-295-91	SHORT CHIP			
R1850	1-216-809-11	METAL CHIP	100	5%	1/10W	R1945	1-216-295-91	SHORT CHIP			
R1859	1-218-831-11	METAL CHIP	220		1/10W	R1946	1-216-295-91	SHORT CHIP			
R1866	1-216-864-11	SHORT CHIP		3.50 /0	.,	R2110	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
D1067	1 216 064 44	CHODT CHIP				D0444	1 200 005 11	METAL CLUD	E GIV	0 E00/	1/16\1
R1867	1-216-864-11	SHORT CHIP				R2111	1-208-905-11	METAL CHIP	5.6K		1/16W
R1868	1-216-864-11	SHORT CHIP	000	0.500/	1/10\\	R2112	1-218-973-11	RES-CHIP	47K	5%	1/16W
R1869	1-218-831-11	METAL CHIP	220		1/10W	R2113	1-218-973-11	RES-CHIP	47K	5%	1/16W
R1870	1-218-831-11	METAL CHIP	220		1/10W	R2114	1-216-864-11	SHORT CHIP			
R1871	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2116	1-216-864-11	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R2117	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2118	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2120	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2205	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2121	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2122	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2210	1-208-691-11	METAL CHIP	2.2K		1/16W
R2126	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2211	1-208-691-11	METAL CHIP	2.2K		1/16W
R2129	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2212	1-208-711-11	METAL CHIP	15K		1/16W
R2130	1-208-697-11	METAL CHIP	3.9K		1/16W	R2213	1-208-711-11	METAL CHIP	15K		1/16W
R2131	1-208-697-11	METAL CHIP	3.9K		1/16W	R2214	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2133	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2215	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W	R2216	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W	R2217	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2141	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2222	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2142	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2227	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2143	1-208-905-11	METAL CHIP	5.6K		1/16W	R2228	1-469-083-21	FERRITE	0μH	070	1/1011
112170	1-200-300-11	METAL OTH	3.010	0.50 /0	1/1000	1\2220	1-400-000-21	LIMIL	υμιτ		
R2145	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	R2229	1-469-083-21	FERRITE	0μH		
R2147	1-218-990-81	SHORT CHIP				R2230	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2231	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W	R2232	1-469-083-21	FERRITE	0μH		
R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W	R2233	1-469-083-21	FERRITE	0μΗ		
R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2151	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2235	1-216-813-11	METAL CHIP	220	5%	1/10W
						1					
R2161	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2236	1-216-807-11	METAL CHIP	68	5%	1/10W
R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2237	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2238	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2239	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2249	1-218-941-81	RES-CHIP	100	5%	1/16W
R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2250	1-218-990-81	SHORT CHIP			
R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2251	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2170	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2252	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
D0474	4 040 004 44	DEC CUID	4 71/	E0/	4/40/4/	DOOLO	4 040 000 04	CHORT CHIR			
R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2253	1-218-990-81	SHORT CHIP			
R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2254	1-218-990-81	SHORT CHIP	0701/	<b>5</b> 0/	4/40/4/
R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2257	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2258	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2179	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2259	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2180	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2260	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2181	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2261	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2262	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2186	1-216-813-11	METAL CHIP	220	5%	1/10W	R2264	1-218-965-11	RES-CHIP	10K	5%	1/16W
D0407	4 040 040 44	METAL CLUB	000	F0/	4/40\4	Pooos	4 040 050 44	DEO OUES	F00	F0/	4/40\4/
R2187	1-216-813-11	METAL CHIP	220	5%	1/10W	R2265	1-218-950-11	RES-CHIP	560	5%	1/16W
R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2266	1-218-950-11	RES-CHIP	560	5%	1/16W
R2199	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2267	1-218-950-11	RES-CHIP	560	5%	1/16W
R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2268	1-218-950-11	RES-CHIP	560	5%	1/16W
R2201	1-218-990-81	SHORT CHIP				R2269	1-218-941-81	RES-CHIP	100	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W	R3527	1-218-941-81	RES-CHIP	100	5%	1/16W
R2271	1-218-941-81	RES-CHIP	100	5%	1/16W	R3528	1-218-990-81	SHORT CHIP			
R2272	1-218-941-81	RES-CHIP	100	5%	1/16W	R3533	1-216-864-11	SHORT CHIP			
R2273	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3534	1-216-864-11	SHORT CHIP			
R2274	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3539	1-218-990-81	SHORT CHIP			
R2275	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3541	1-218-990-81	SHORT CHIP			
R2276	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2277	1-218-990-81	SHORT CHIP		0,0		R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2278	1-218-990-81	SHORT CHIP				R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W
R2281	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W
Booss	1 000 005 11	METAL OUID	40014	0.500/	4/4004/	B.4040	4 040 077 44	DEG OUID	10016	<b>5</b> 0/	4/4004/
R2282	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2283	1-218-990-81	SHORT CHIP				R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3010	1-218-990-81	SHORT CHIP				R4043	1-218-979-11	RES-CHIP	150K	5%	1/16W
R3031	1-208-931-11	METAL CHIP	68K		1/16W	R4045	1-216-864-11	SHORT CHIP			
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R4047	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R3073	1-218-990-81	SHORT CHIP				R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W
R3087	1-218-990-81	SHORT CHIP				R4058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R4060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3146	1-218-941-81	RES-CHIP	100	5%	1/16W	R4061	1-218-983-11	RES-CHIP	330K	5%	1/16W
R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4063	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R3190	1-208-886-81	METAL CHIP	910		1/16W	R4064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3201	1-218-990-81	SHORT CHIP	310	0.50 /6	1/1000	R4065	1-218-971-11	RES-CHIP	33K	5%	1/16W
			4 71/	E0/	1/16/1/		1-218-990-81		SSN	3%	1/1000
R3218 R3223	1-218-961-11 1-218-945-11	RES-CHIP RES-CHIP	4.7K 220	5% 5%	1/16W 1/16W	R4067 R4545	1-218-665-11	SHORT CHIP METAL CHIP	75	0.50%	1/10W
110220	1 210 010 11	NEO OTIII	220	070	1/1011	1010	1 210 000 11	WEITE OTH	70	0.0070	171011
R3243	1-218-941-81	RES-CHIP	100	5%	1/16W	R4546	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R3247	1-218-990-81	SHORT CHIP				R4547	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R3249	1-218-935-11	RES-CHIP	33	5%	1/16W	R4551	1-216-864-11	SHORT CHIP			
R3255	1-400-591-22	FERRITE	0µH			R4552	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3256	1-400-591-22	FERRITE	0µH			R4553	1-218-289-11	METAL CHIP	510	5%	1/10W
R3257	1-400-591-22	FERRITE	0µH			R4554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3258	1-400-591-22	FERRITE	0μH			R4555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3260	1-400-591-22	FERRITE	0μH			R4556	1-216-801-11	METAL CHIP	22	5%	1/10W
R3261	1-400-591-22	FERRITE	0μH			R4557	1-216-801-11	METAL CHIP	22	5%	1/10W
R3262	1-400-591-22	FERRITE	0μH			R4558	1-216-801-11	METAL CHIP	22	5%	1/10W
R3264	1-400-591-22	FERRITE	0µH			R4559	1-216-801-11	METAL CHIP	22	5%	1/10W
R3265	1-400-591-22	FERRITE	0µH			R4560	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3267	1-216-864-11	SHORT CHIP				R4561	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W	R4562	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3515	1-216-833-11	METAL CHIP	10K	5%	1/10W	R4563	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3516	1-216-809-11	METAL CHIP	100	5%	1/10W	R4564	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3517	1-218-989-11	RES-CHIP	1M	5%	1/16W	R4565	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3519	1-216-809-11	METAL CHIP	100	5%	1/10W	R4575	1-216-864-11	SHORT CHIP			
R3524	1-218-990-81	SHORT CHIP				R4576	1-216-864-11	SHORT CHIP			
R3526	1-216-864-11	SHORT CHIP				R4577	1-216-864-11	SHORT CHIP			
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REF. NO.	PART NO.	DESCRIPTION	VALU	IES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R4578	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R7001	1-216-815-11	METAL CHIP	330	5%	1/10W
R4579	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R7002	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4580	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R7003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R7005	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
DEO44	4 040 007 44	METAL OLUD	450	0.500/	4/40/4/	D7000	4 040 004 44	METAL OLUD	0.01/	0.500/	4/40\4/
R5014	1-218-827-11	METAL CHIP	150		1/10W	R7006	1-218-861-11	METAL CHIP	3.9K		1/10W
R5015	1-218-827-11	METAL CHIP	150		1/10W	R7007	1-218-847-11	METAL CHIP	1K		1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7008	1-218-873-11	METAL CHIP	12K		1/10W
R5017	1-218-827-11	METAL CHIP	150		1/10W	R7009	1-218-891-11	METAL CHIP	68K		1/10W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7012	1-216-295-91	SHORT CHIP			
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W	R7016	1-216-295-91	SHORT CHIP			
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W	R7017	1-469-553-21	INDUCTOR	4.7µH		
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W	R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5504	1-208-683-11	METAL CHIP	1K		1/16W	R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
DEFOE	4 040 000 44	DEC OUID	40	F0/	4/40/4/	D7000	4 040 000 04	SHORT CHIP			
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W	R7020	1-218-990-81				
R5512	1-208-683-11	METAL CHIP	1K		1/16W	R7021	1-218-990-81	SHORT CHIP	000	<b>5</b> 0/	4/40/4/
R5513	1-218-941-81	RES-CHIP	100	5%	1/16W	R7022	1-216-820-11	METAL CHIP	820	5%	1/10W
R5514	1-218-941-81	RES-CHIP	100	5%	1/16W	R7023	1-216-819-11	METAL CHIP	680	5%	1/10W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R5521	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R5525	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5527	1-218-941-81	RES-CHIP	100	5%	1/16W	R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5528	1-218-941-81	RES-CHIP	100	5%	1/16W	R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7029	1-218-990-81	SHORT CHIP			
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W	R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5534			4.7K	5%		R7030			4.71	J /0	1/1000
	1-218-961-11	RES-CHIP			1/16W		1-218-990-81	SHORT CHIP	4001/	E0/	4/4/01/1
R5535	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5536	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7035	1-208-695-11	METAL CHIP	3.3K		1/16W
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R5539	1-218-990-81	SHORT CHIP				R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W	R7038	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5557	1-218-990-81	SHORT CHIP				R7039	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5580	1-216-295-91	SHORT CHIP				R7040	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R5637	1-218-990-81	SHORT CHIP				R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W
R5638	1-218-990-81	SHORT CHIP				R7042	1-208-923-11	METAL CHIP	33K		1/16W
R5642	1-216-990-61	SHORT CHIP				R7043	1-208-929-81	METAL CHIP	56K		1/16W
R5644	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7044 R7045	1-208-929-61	METAL CHIP	33K		1/16W
R5645	1-218-961-11	RES-CHIP	4.7K 4.7K	5%	1/16W	R7045	1-208-923-11	METAL CHIP	33K		1/16W
R5648	1-216-864-11	SHORT CHIP				R7047	1-208-691-11	METAL CHIP	2.2K		1/16W
R5658	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7048	1-218-941-81	RES-CHIP	100	5%	1/16W
R5660	1-218-990-81	SHORT CHIP				R7049	1-208-691-11	METAL CHIP	2.2K		1/16W
R5671	1-218-941-81	RES-CHIP	100	5%	1/16W	R7050	1-218-941-81	RES-CHIP	100	5%	1/16W
R7000	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7051	1-218-941-81	RES-CHIP	100	5%	1/16W
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R7052	REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R7056   1-208-935-11	R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7334	1-216-864-11	SHORT CHIP			
R7056   1-208-935-11   METAL CHIP   100K   0.50%   1169V   R7400   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7401   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7401   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7402   1-208-935-11   METAL CHIP   10K   0.50%   1169V   R7402   1-208-935-11   METAL CHIP   10K   0.50%   1169V   R7403   1-208-935-11   METAL CHIP   11K   0.50%   1169V   R7059   1-218-937-11   RESCHIP   47   5%   1169V   R7404   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7405   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7051   1-218-937-11   RESCHIP   47   5%   1169V   R7406   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7405   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7406   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7501   1-218-957-11   RESCHIP   0.60%   5%   1169V   R7501   1-218	R7053	1-218-941-81	RES-CHIP	100	5%	1/16W	R7335	1-216-864-11	SHORT CHIP			
R7056   1-208-935-11   METAL CHIP   100K   0.50%   1169V   R7400   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7401   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7401   1-208-935-13   METAL CHIP   10K   0.50%   1169V   R7402   1-208-935-11   METAL CHIP   10K   0.50%   1169V   R7402   1-208-935-11   METAL CHIP   10K   0.50%   1169V   R7403   1-208-935-11   METAL CHIP   11K   0.50%   1169V   R7059   1-218-937-11   RESCHIP   47   5%   1169V   R7404   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7405   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7051   1-218-937-11   RESCHIP   47   5%   1169V   R7406   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7405   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7406   1-208-933-11   METAL CHIP   11K   0.50%   1169V   R7501   1-218-957-11   RESCHIP   0.60%   5%   1169V   R7501   1-218	R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7337	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7065   1-208-935-11   METAL CHIP   100K   0.50% 1/16W   R7402   1-208-935-81   METAL CHIP   1K   0.50% 1/16W   R7403   1-208-935-11   METAL CHIP   100K   0.50% 1/16W   R7402   1-208-983-11   METAL CHIP   1K   0.50% 1/16W   R7403   1-208-983-11   METAL CHIP   1K   0.50% 1/16W   R7405   1-208-983-11   METAL CHIP   1K   0.50% 1/16W   R7406   1-208-983-11   METAL CHIP   1K   0.50% 1/16W   R7406												
R7057   1-208-935-11   METAL CHIP   100K   0.50%   116W   R7403   1-208-883-11   METAL CHIP   11K   0.50%   116W   R7403   1-208-883-11   METAL CHIP   11K   0.50%   116W   R7403   1-208-883-11   METAL CHIP   11K   0.50%   116W   R7404   1-208-883-11   METAL CHIP   11K   0.50%   116W   R7061   1-208-893-11   METAL CHIP   10K   0.50%   116W   R7061   1-208-893-11   METAL CHIP   10K   0.50%   116W   R7061   1-208-893-11   METAL CHIP   10K   0.50%   116W   R7061   1-208-895-11   RES-CHIP   10K   0.50%   116W   R7061   1-208-895-11   METAL CHIP   10K   0.50%   116W   R7061   1-208-895-11   METAL CHIP   10K   0.50%   116W   R7061   1-208-895-11   RES-CHIP   10K   0.50%   116W   R70												
R7089   1-208-03-11   RES-CHIP   100K   0.50%   116W   R7403   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7061   1-218-937-11   RES-CHIP   47   5%   116W   R7405   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7061   1-218-937-11   RES-CHIP   47   5%   116W   R7405   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7061   1-218-937-11   RES-CHIP   47   5%   116W   R7406   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7061   1-218-937-11   RES-CHIP   47   5%   116W   R7406   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7063   1-218-08-11   METAL CHIP   1K   0.50%   116W   R7063   1-218-08-11   METAL CHIP   1K   0.50%   116W   R7064   1-218-08-11   METAL CHIP   1K   0.50%   116W   R7064   1-218-08-11   METAL CHIP   1K   0.50%   116W   R7064   1-208-08-11   METAL CHIP   1K   0.50%   116W   R7065   1-208-011-11   METAL CHIP   10K   0.50%   116W   R7505   1-218-08-51   RES-CHIP   0K   0.50%   116W   R7506   1-218-08-51   RES-CHIP   0K   0.50%   116W   R7507   1-218-08-51   RES-CHIP   0K   0.50%   116W   R7507   1-218-08-51   RES-CHIP   0K   0.50%   116W   R7508   1-218-08-51   RES-CHIP   0K   0.50%   116W   R7509   1-21	117000	1-200-330-11	WETAL OTH	TOOK	0.00 /0	1/1000	11/1-01	1-200-000-01	WIL TAL OTTI	71	0.0070	1/1000
R7080   1-28-837-11   RES-CHIP   47   5%   116W   R7405   1-28-868-11   METAL CHIP   1K   0.50%   116W   R7060   1-28-837-11   RES-CHIP   47   5%   116W   R7405   1-28-868-11   METAL CHIP   1K   0.50%   116W   R7060   1-28-837-11   RES-CHIP   47   5%   116W   R7406   1-28-868-11   METAL CHIP   1K   0.50%   116W   R7060   1-28-837-11   RES-CHIP   47   5%   116W   R7406   1-28-868-11   METAL CHIP   1K   0.50%   116W   R7061   1-28-868-11   RES-CHIP   10K   5%   116W   R7071   1-28-868-11   RES-CHIP   10K   5%   116W   R7072   1-28-868-11   RES-CHIP   10K   5%	R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7060	R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7061   1-218-937-11   RES-CHIP	R7059	1-218-937-11	RES-CHIP	47	5%	1/16W	R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7061   1-218-937-11   RES-CHIP	R7060	1-218-937-11	RES-CHIP	47	5%	1/16W	R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R708	R7061	1-218-937-11	RES-CHIP	47	5%	1/16W	R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R708	D7060	1 210 027 11	DEC CUID	17	E0/	1/16\\\	D7407	1 200 602 11	METAL CHID	11/	0 500/	1/16///
R7065   1-216-864-11   SHORT CHIP				41	3%	1/1000						
R7055   1-208-911-11   METAL CHIP   10K   0.50% 1/16W   R7502   1-218-99-81   SHORT CHIP   10K   5% 1/16W   R7505   1-218-99-81   RES-CHIP   10K   5% 1/16W   R7505   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7506   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-97-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-97-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7501   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7501   1-218-98-11   RES-CHIP   10K   5% 1/16W   R7511   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7511   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7513   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7507   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7509   1-218-96-11   RES-CHIP   10K   5% 1/16W   R7500   1-218-96-11   RES-CHIP   10K							1					
R7066   1-208-709-11   METAL CHIP   12K   0.50% 1/16W   R7505   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7067   1-208-911-11   METAL CHIP   10K   0.50% 1/16W   R7508   1-218-971-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-971-11   RES-CHIP   10K   5% 1/16W   R7508   1-218-971-11   RES-CHIP   10K   5% 1/16W   R7509   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7509   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7507   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7507   1-218-971-11   METAL CHIP   3.3   5% 1/10W   R7513   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7072   1-216-791-11   METAL CHIP   3.3   5% 1/10W   R7513   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7073   1-218-791-11   METAL CHIP   3.3   5% 1/10W   R7517   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7073   1-218-979-11   METAL CHIP   3.3   5% 1/10W   R7521   1-218-965-11   RES-CHIP   10K   5% 1/16W   R7073   1-218-95-91   SHORT CHIP   R7529   1-218-95-91   SHORT CHIP   R7529   1-218-95-91   SHORT CHIP   R7529   1-218-95-91   SHORT CHIP   R7529   1-218-95-91   SHORT CHIP   R7520   1-218-95-91   SHORT CHIP   R752				4014						2.2K	5%	1/16VV
R7067   1-208-911-11   METAL CHIP   10K   0.50%   1/16W   R7508   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7098   1-218-95-91   SHORT CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7070   1-216-295-91   SHORT CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7071   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7524   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7080   1-216-295-91   SHORT CHIP   R7529   1-218-907-11   RES-CHIP   10K   5%   1/16W   R7080   1-216-295-91   SHORT CHIP   R7529   1-218-907-11   RES-CHIP   10K   5%   1/16W   R7080   1-216-295-91   SHORT CHIP   R7530   1-218-908-81   SHORT CHIP   R7530   1-218-908-81   SHORT CHIP   R7530   1-218-908-81   SHORT CHIP   10K   5%   1/16W   R7541   1-218-908-81   SHORT CHIP   10K   5%   1/16W   R7542   1-218-908-81   SHORT CHIP   10K   5%   1/16W   R7541   1-218-908-81   SHORT CHIP   10K   5%   1/16W   R7541   1-218-908-81   SHORT CHIP   10K   5%   1/16W   R7542   1-218-90												
R708	R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W	R7505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R708	R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7609   1-216-295-91   SHORT CHIP   R7509   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7071   1-216-295-91   SHORT CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7072   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7517   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7521   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7074   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7079   1-216-295-91   SHORT CHIP   R7528   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7080   1-216-295-91   SHORT CHIP   R7528   1-218-990-81   SHORT CHIP   R7529   1-218-990-81   SHORT C							1					1/16W
R7070						.,						
R7071   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7513   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7072   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7521   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7521   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7074   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7079   1-216-295-91   SHORT CHIP   R7528   1-218-935-11   RES-CHIP   10K   5%   1/16W   R7520   1-218-935-11   RES-CHIP   10K   5%   1/16W   R7520   1-218-995-91   SHORT CHIP   R7622   1-218-990-81   SHORT CHIP   R7533   1-218-990-81   SHORT CHIP   R7533   1-218-990-81   SHORT CHIP   R7534   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7530   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-930-81   RES-CHIP   10K   5%   1/16W   R7601   1-218-930-81   RES-CHIP   10K   5%   1/16W   R7601   1-218-930-81   RES-CHIP   10K   5%   1/16W   R7601   1-218-930-81   RES-CHIP   10K   5%   1/16W   R7331   1-218-930-81   RES-CHIP   33   5%   1/16W   R7331   1-218-930-11   RES-CHIP   33   5%   1/16W   R7332   1-218-930-11   RES-CHIP   33   5%   1/16W   R7332   1-218-930-11												
R7072   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7517   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7079   1-216-295-91   SHORT CHIP   R7080   1-216-295-91   SHORT CHIP   R7080   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7080   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7080   R7092   1-216-295-91   SHORT CHIP   R7082   1-216-295-91   SHORT CHIP   R7093   1-216-295-91   SHORT CHIP   R7092   1-218-990-81   SHORT CHIP   R7092   1-218-990-81   SHORT CHIP   R7092   1-218-990-81   SHORT CHIP   R7092   1-218-990-81   RES-CHIP   1M   5%   1/16W   R7542   1-218-990-81   SHORT CHIP   R7092   1-218-990-81   SHO				3 3	50/	1/10\//						
R7073   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7521   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7074   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7079   1-216-295-91   SHORT CHIP   R7529   1-218-95-11   RES-CHIP   10K   5%   1/16W   R7529   1-218-95-11   RES-CHIP   10K   5%   1/16W   R7529   1-218-95-11   RES-CHIP   10K   5%   1/16W   R7529   1-218-995-11   RES-CHIP   10K   5%   1/16W   R7529   1-218-990-81   SHORT CHIP   R7682   1-216-295-91   SHORT CHIP   R7533   1-218-446-11   METAL CHIP   1   5%   1/16W   R7529   1-218-990-81   SHORT CHIP   R7692   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7591   1-218-990-81   SHORT CHIP   R7591   1-218-990-81   SHORT CHIP   R7591   1-218-990-81   SHORT CHIP   R7591   1-218-990-81   SHORT CHIP   R7691   1-218-990-	K/U/ I	1-210-791-11	WE TAL CHIP	3.3	3%	1/1000	K/313	1-210-900-11	KES-CHIP	IUK	3%	1/1000
R7074   1-216-791-11   METAL CHIP   3.3   5%   1/10W   R7526   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7079   1-216-295-91   SHORT CHIP   1/16W   5%   1/16W   R7528   1-218-997-11   RES-CHIP   1K   5%   1/16W   R7080   1-216-295-91   SHORT CHIP	R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7079	R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7079	R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7080   1-216-295-91   SHORT CHIP   SHORT CHIP   R7529   1-218-977-11   RES-CHIP   100K   5%   1/16W	R7079	1-216-295-91	SHORT CHIP				R7528	1-218-953-11	RES-CHIP	1K		1/16W
R7082   1-216-295-91   SHORT CHIP   SHORT CHIP   SHORT CHIP   SHORT CHIP   R7533   1-218-946-11   METAL CHIP   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7542   1-218-990-81   SHORT CHIP   R7543   1-218-990-81   SHORT CHIP   SHORT CHIP   R7544   1-218-993-11   RES-CHIP   R85-CHIP   R7545   R7545		1-216-295-91										
R7082   1-216-295-91   SHORT CHIP   SHORT CHIP   SHORT CHIP   SHORT CHIP   R7533   1-218-946-11   METAL CHIP   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7535   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   R7542   1-218-990-81   SHORT CHIP   R7543   1-218-990-81   SHORT CHIP   SHORT CHIP   R7544   1-218-993-11   RES-CHIP   R85-CHIP   R7545   R7545	D7004	4 040 005 04	CHORT CHIR				D7500	4 040 000 04	CHORT CHIR			
R7089   1-216-295-91   SHORT CHIP   SHORT CHIP   R7595   1-218-990-81   SHORT CHIP   R7590   1-218-990-81   SHORT CHIP   SHORT CHIP   R7541   1-218-990-81   SHORT CHIP   SHORT CHIP   R7542   1-218-990-81   SHORT CHIP   SHORT CHIP   R7542   1-218-990-81   SHORT CHIP   SHORT CHIP   R7591   R218-991-81   SHORT CHIP   R7591   R218-991-81   SHORT CHIP   R7607   1-218-990-81   SHORT CHIP   R7607   1-218-993-311   RES-CHIP   22   5%   1/16W   R7608   1-218-933-311   RES-CHIP   47K   5%   1/16W   R7608   1-218-965-11   RES-CHIP   47K   5%   1/16W   R7609   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7609   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7610   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7317   1-216-793-11   METAL CHIP   4.7   5%   1/10W   R7703   1-218-990-81   SHORT CHIP   R7318   1-218-931   METAL CHIP   4.7   5%   1/10W   R7703   1-218-990-81   SHORT CHIP   10W   R7327   1-218-971   RES-CHIP   10W   R7705   1-218-935-11   RES-CHIP   10W   S%   1/16W   R7328   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R7710   1-218-935-11   RES-CHIP   33   5%   1/16W   R7330   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R7712   1-218-935-11   RES-CHIP   33   5%   1/16W   R7331   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7715   1-218-935-11   RES-CHIP   1K   5%   1/16W   R7331   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7715   1-218-935-11   RES-CHIP   1K   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7715   1-218-935-11   RES-CHIP   1K   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7715   1-218-935-11   RES-CHIP   1K   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7716   1-218-935-11   RES-CHIP   33   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7716   1-218-935-11   RES-CHIP   33   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7716   1-218-935-11   RES-CHIP   33   5%   1/16W   R7332   1-216-835-11   METAL CHIP   15K   5%   1/10W   R7716   1-218-935-11   RES-CHIP   33   5%   1/1							1			4	F0/	4/4014/
R7092   1-218-990-81   SHORT CHIP   TR7200   1-218-989-11   RES-CHIP   TR7200   T-218-989-11   RES-CHIP   TR7200   T-218-989-11   RES-CHIP   TR7200   T-218-989-11   RES-CHIP   TR7200   T-218-989-11   RES-CHIP   TR7200   T-218-990-81   SHORT CHIP   T-21										1	5%	1/10W
R7200         1-218-989-11         RES-CHIP         1M         5%         1/16W         R7542         1-218-990-81         SHORT CHIP           R7201         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7544         1-218-990-81         SHORT CHIP           R7202         1-218-990-81         SHORT CHIP         R7607         1-218-933-11         RES-CHIP         22         5%         1/16W           R7203         1-218-941-81         RES-CHIP         100         5%         1/16W         R7608         1-218-973-11         RES-CHIP         47K         5%         1/16W           R7301         1-216-864-11         SHORT CHIP         0         87609         1-218-957-11         RES-CHIP         10K         5%         1/16W           R7302         1-216-864-11         SHORT CHIP         0         87609         1-218-955-11         RES-CHIP         10K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-935-11         RES-CHIP         22         5%         1/16W           R7317         1-216-965-11         RES-CHIP         4.7         5%         1/10W         R7703												
R7201   1-216-793-11   METAL CHIP   4.7   5%   1/10W   R7544   1-218-990-81   SHORT CHIP   R7607   1-218-933-11   RES-CHIP   22   5%   1/16W   R7608   1-218-973-11   RES-CHIP   47K   5%   1/16W   R7608   1-218-973-11   RES-CHIP   47K   5%   1/16W   R7609   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7610   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7610   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7610   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7611   1-218-933-11   RES-CHIP   22   5%   1/16W   R7611   1-218-953-11   RES-CHIP   10K   5%   1/16W   R7611   1-218-933-11   RES-CHIP   22   5%   1/16W   R7611   1-218-933-11   RES-CHIP   10K   5%   1/16W   R7611   1-218-933-11   RES-CHIP   22   5%   1/16W   R7611   1-218-933-11   RES-CHIP   10K   5%   1/16W   R7613   1-218-990-81   SHORT CHIP   10W   R76W   R		1-218-990-81							SHORT CHIP			
R7202         1-218-990-81         SHORT CHIP         R7607         1-218-933-11         RES-CHIP         22         5%         1/16W           R7203         1-218-941-81         RES-CHIP         100         5%         1/16W         R7608         1-218-973-11         RES-CHIP         47K         5%         1/16W           R7301         1-216-864-11         SHORT CHIP         WR7608         1-218-965-11         RES-CHIP         10K         5%         1/16W           R7302         1-216-864-11         SHORT CHIP         WR7610         1-218-953-11         RES-CHIP         10K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-933-11         RES-CHIP         22         5%         1/16W           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-935-11         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP	R7200	1-218-989-11	RES-CHIP	1M	5%	1/16W	R7542	1-218-990-81	SHORT CHIP			
R7202         1-218-990-81         SHORT CHIP         R7607         1-218-933-11         RES-CHIP         22         5%         1/16W           R7203         1-218-941-81         RES-CHIP         100         5%         1/16W         R7608         1-218-973-11         RES-CHIP         47K         5%         1/16W           R7301         1-216-864-11         SHORT CHIP         WR7608         1-218-965-11         RES-CHIP         10K         5%         1/16W           R7302         1-216-864-11         SHORT CHIP         WR7610         1-218-953-11         RES-CHIP         10K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-933-11         RES-CHIP         22         5%         1/16W           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-935-11         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP	R7201	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R7544	1-218-990-81	SHORT CHIP			
R7203         1-218-941-81         RES-CHIP         100         5%         1/16W         R7608         1-218-973-11         RES-CHIP         47K         5%         1/16W           R7301         1-216-864-11         SHORT CHIP         5%         1/16W         R7609         1-218-965-11         RES-CHIP         10K         5%         1/16W           R7302         1-218-965-11         SHORT CHIP         10K         5%         1/16W         R7610         1-218-933-11         RES-CHIP         1K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-933-11         RES-CHIP         1K         5%         1/16W           R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-933-11         RES-CHIP         22         5%         1/16W           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-941-81         RES-CHIP         100         5%         1/16W           R7327         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>22</td> <td>5%</td> <td>1/16W</td>										22	5%	1/16W
R7301         1-216-864-11         SHORT CHIP         R7609         1-218-965-11         RES-CHIP         10K         5%         1/16W           R7302         1-216-864-11         SHORT CHIP         10K         5%         1/16W         R7610         1-218-965-11         RES-CHIP         1K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-933-11         RES-CHIP         22         5%         1/16W           R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-993-11         SHORT CHIP         22         5%         1/16W           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-941-81         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP         100K         5%         1/16W         R7706         1-218-935-11         RES-CHIP         33         5%         1/16W           R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%				100	5%	1/16W						
R7302         1-216-864-11         SHORT CHIP         R7610         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7307         1-218-965-11         RES-CHIP         10K         5%         1/16W         R7611         1-218-933-11         RES-CHIP         22         5%         1/16W           R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-990-81         SHORT CHIP         100         5%         1/16W           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-941-81         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP         100K         5%         1/16W         R7706         1-218-935-11         RES-CHIP         33         5%         1/16W           R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%				100	070	171011						
R7307 1-218-965-11 RES-CHIP 10K 5% 1/16W R7703 1-218-933-11 RES-CHIP 22 5% 1/16W R7317 1-216-793-11 METAL CHIP 4.7 5% 1/10W R7703 1-218-90-81 SHORT CHIP R7318 1-216-793-11 METAL CHIP 4.7 5% 1/10W R7705 1-218-941-81 RES-CHIP 100 5% 1/16W R7327 1-218-977-11 RES-CHIP 100K 5% 1/16W R7706 1-218-935-11 RES-CHIP 33 5% 1/16W R7328 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7710 1-218-935-11 RES-CHIP 33 5% 1/16W R7329 1-216-835-11 METAL CHIP 15K 5% 1/10W R7710 1-218-935-11 RES-CHIP 33 5% 1/16W R7330 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7714 1-218-953-11 RES-CHIP 1 K 5% 1/16W R7331 1-216-835-11 METAL CHIP 15K 5% 1/10W R7715 1-218-953-11 RES-CHIP 1 K 5% 1/16W R7332 1-216-835-11 METAL CHIP 15K 5% 1/10W R7715 1-218-953-11 RES-CHIP 1 K 5% 1/16W R7332 1-216-835-11 METAL CHIP 15K 5% 1/10W R7716 1-218-935-11 RES-CHIP 33 5% 1/16W R7332 1-216-835-11 METAL CHIP 15K 5% 1/10W R7716 1-218-935-11 RES-CHIP 33 5% 1/16W												
R7317         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7703         1-218-990-81         SHORT CHIP           R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-941-81         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP         100K         5%         1/16W         R7706         1-218-935-11         RES-CHIP         33         5%         1/16W           R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%         1/16W           R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5% <td>K/302</td> <td>1-210-004-11</td> <td>SHORT CHIP</td> <td></td> <td></td> <td></td> <td>K/010</td> <td>1-210-900-11</td> <td>KES-CHIP</td> <td>IK</td> <td>3%</td> <td>1/1000</td>	K/302	1-210-004-11	SHORT CHIP				K/010	1-210-900-11	KES-CHIP	IK	3%	1/1000
R7318         1-216-793-11         METAL CHIP         4.7         5%         1/10W         R7705         1-218-941-81         RES-CHIP         100         5%         1/16W           R7327         1-218-977-11         RES-CHIP         100K         5%         1/16W         R7706         1-218-935-11         RES-CHIP         33         5%         1/16W           R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%         1/16W           R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11	R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7611	1-218-933-11	RES-CHIP	22	5%	1/16W
R7327         1-218-977-11         RES-CHIP         100K         5%         1/16W         R7706         1-218-935-11         RES-CHIP         33         5%         1/16W           R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%         1/16W           R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11         RES-CHIP         33         5%         1/16W	R7317	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R7703	1-218-990-81	SHORT CHIP			
R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%         1/16W           R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11         RES-CHIP         33         5%         1/16W	R7318	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R7705	1-218-941-81	RES-CHIP	100	5%	1/16W
R7328         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7710         1-218-935-11         RES-CHIP         33         5%         1/16W           R7329         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7712         1-218-935-11         RES-CHIP         33         5%         1/16W           R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11         RES-CHIP         33         5%         1/16W	R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7706	1-218-935-11	RES-CHIP	33	5%	1/16W
R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11         RES-CHIP         33         5%         1/16W	R7328	1-218-959-11	RES-CHIP			1/16W	R7710		RES-CHIP			1/16W
R7330         1-218-959-11         RES-CHIP         3.3K         5%         1/16W         R7714         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7331         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7715         1-218-953-11         RES-CHIP         1K         5%         1/16W           R7332         1-216-835-11         METAL CHIP         15K         5%         1/10W         R7716         1-218-935-11         RES-CHIP         33         5%         1/16W	D7000	1 010 005 44	METAL CLUB	451/	FO/	4/4014/	D7740	1 010 005 44	DEC CLUD	20	E0/	1/10\\
R7331 1-216-835-11 METAL CHIP 15K 5% 1/10W R7715 1-218-953-11 RES-CHIP 1K 5% 1/16W R7332 1-216-835-11 METAL CHIP 15K 5% 1/10W R7716 1-218-935-11 RES-CHIP 33 5% 1/16W												
R7332 1-216-835-11 METAL CHIP 15K 5% 1/10W R7716 1-218-935-11 RES-CHIP 33 5% 1/16W												
R7333 1-216-835-11 METAL CHIP 15K 5% 1/10W R7717 1-218-935-11 RES-CHIP 33 5% 1/16W												
	R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W	R7717	1-218-935-11	RES-CHIP	33	5%	1/16W



R7868   12/18-94-11   RES-CHIP   470   5%   1/16W   R9139   12/16-804-11   METALCHIP   33   5%   1/16W   R9131   12/16-804-11   METALCHIP   33   5%   1/16W   R9132   12/16-804-11   METALCHIP   33   5%   1/16W   R9132   12/16-804-11   METALCHIP   100K   5%   1/16W   R9133   12/16-804-11   METALCHIP   100K   5%   1/16W   R9133   12/16-804-11   METALCHIP   100K   5%   1/16W   R9133   12/16-804-11   METALCHIP   10K   5%   1/16W   R9134   12/16-804-11   METALCHIP   10K   5%   1/16W   R9135   12/16-804-11   SHORTCHIP   10K   5%   1/16W   R9134   12/16-804-11   SHORTCHIP   10K   5%   1/16W	REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALUE	S	
R7808   1-218-494-11   RES-CHIP   470   5%   1/16W   R9139   1-216-804-11   METAL CHIP   33   5%   1/16W   R9139   1-216-804-11   METAL CHIP   100K   5%   1/16W   R9131   1-216-804-11   METAL CHIP   100K   5%   1/16W   R9132   1-216-804-11   METAL CHIP   10K   5%   1/16W   R9132   1-216-804-11   SHORT CHIP   10K   5%   1/16W   R913	R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W	R9111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7814   1218-941-81   RES-CHIP   100   5%   1/16W   R9138   1-218-93-11   METAL CHIP   33   5%   1/16W   R9146   1-218-96-11   RES-CHIP   22K   5%   1/16W   R9146   1-218-96-11   SHORT CHIP   100K   5%   1/16W   R9159   1-218-96-11   METAL CHIP   10K   5%   1/16W   R9159   1-218-90-11   METAL CHIP   10K   5%   1/16W   R9159   1-218-90-11   METAL CHIP   10K   5%   1/16W   R9159   1-218-90-11   METAL CHIP   10K   5%   1/16W   R9179   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9179   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9189   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9189   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9180   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-90-11   SHORT CHIP   R7849   1-208-93-11   METAL CHIP   18K   0.50%   1/16W   R9190   1-218-90-11   SHORT CHIP   R7849   1-208-93-11   METAL CHIP   18K   0.50%   1/16W   R9190   1-218-90-11   SHORT CHIP   R7859   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-90-11   SHORT CHIP   R7859   1-218-90-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-90-11   SHORT CHIP   RRS-CHIP   10K   5%   1/16W   R9190												
R7819										33	5%	1/10W
R7821   1-218-969-11   RES-CHIP   22K   5%   1/16W   R9153   1-216-864-11   SHORT CHIP   R7829   1-218-961-11   RES-CHIP   4.7K   5%   1/16W   R9159   1-216-845-11   METAL CHIP   100K   5%   1/16W   R9159   1-216-845-11   METAL CHIP   100K   5%   1/16W   R9159   1-216-845-11   METAL CHIP   10K   5%   1/16W   R9159   1-216-845-11   METAL CHIP   10K   5%   1/16W   R9159   1-216-845-11   METAL CHIP   10K   5%   1/16W   R9165   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9165   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9165   1-216-821-11   METAL CHIP   10K   5%   1/16W   R9165   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9176   1-216-891-11   METAL CHIP   1K   5%   1/16W   R9176   1-216-891-11   RES-CHIP   10K   5%   1/16W   R9176   1-216-891-11   RES-CHIP   10K   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R9185   1-218-991-81   RES-CHIP   10K   5%   1/16W   R9186   1-216-891-11   SHORT CHIP   R7849   1-208-91-11   RES-CHIP   10K   5%   1/16W   R9180   1-216-891-11   SHORT CHIP   R7849   1-208-91-11   RES-CHIP   10K   5%   1/16W   R9190   1-216-891-11   SHORT CHIP   R7849   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9190   1-216-891-11   SHORT CHIP   R8187   1-216-991-11   RES-CHIP   10K   5%   1/16W   R9190   1-216-891-11   SHORT CHIP   R8187   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9190   1-216-891-11   SHORT CHIP   R8187   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9190   1-224-106-81   RES. NETWORK 0   R81003   1-224-106-81   RES. NETWORK 0											0,0	
R7822												
R7829	111021	1 210 000 11	NEO OTIII	ZZIX	070	171011	110100	1210 001 11	OHORT OHII			
R7831   1-218-98-11   RES-CHIP   1M   5%   1/16W   R9163   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9165   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9165   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9167   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9169   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9169   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9176   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9177   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9177   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9177   1-218-990-81   SHORT CHIP   1/2W	R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W	R9154	1-216-864-11	SHORT CHIP			
R7834   1-218-95-11   RES-CHIP   2.2K   5%   1/16W   R9165   1-216-821-11   METAL CHIP   1K   5%   1/16W   R7836   1-218-99-81   SHORT CHIP   2.7K   5%   1/16W   R9167   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9169   1-218-821-11   METAL CHIP   1K   5%   1/16W   R9177   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   1 K   5%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7845   1-218-995-11   RES-CHIP   100   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7848   1-218-995-11   RES-CHIP   100   5%   1/16W   R9187   1-218-984-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9193   1-218-984-11   SHORT CHIP   R7869   1-218-995-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-984-11   SHORT CHIP   R7869   1-218-995-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-984-11   SHORT CHIP   R7869   1-218-995-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-990-91   SHORT CHIP   R7869   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-990-91   SHORT CHIP   R7969   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-990-91   SHORT CHIP   R7969   1-208-992-91   RES-CHIP   10K   5%   1/16W   R9193   1-218-990-91   SHORT CHIP   R7969   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9193   1-218-990-91   RES-CHIP   10K   5%   1/16W   R9193   1-224-106-81	R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R9159	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7834   1-218-95-11   RES-CHIP   2.2K   5%   1/16W   R9166   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9168   1-216-823-11   METAL CHIP   1K   5%   1/16W   R9169   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9177   1-216-90-91   SHORT CHIP   1K   5%   1/16W   R9178   1-216-90-91   SHORT CHIP   1K   5%   1/16W   R9178   1-216-90-91   SHORT CHIP   1K   5%   1/16W   R9178   1-216-90-91   SHORT CHIP   100   5%   1/16W   R9179   1-218-91-91   RES-CHIP   100   5%   1/16W   R9179   1-218-91-91   RES-CHIP   100   5%   1/16W   R9185   1-218-99-91   SHORT CHIP   R7845   1-218-99-91   RES-CHIP   100   5%   1/16W   R9187   1-218-99-91   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9195   1-218-99-91   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-884-11   SHORT CHIP   R7850   1-218-998-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-99-91   SHORT CHIP   R7851   1-218-998-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-998-11   SHORT CHIP   R7851   1-218-998-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-998-11   SHORT CHIP   R7851   1-218-998-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-998-11   SHORT CHIP   R7851   1-218-998-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-998-11   SHORT CHIP   R7969   1-208-998-11   METAL CHIP   15K   0.50%   1/16W   R91000   1-234-106-81   RES. NETWORK O   R7969   1-218-998-11   RES-CHIP   20K   5%   1/16W   R91000   1-234-106-81   RES. NETWORK O   R7969   1-218-998-11   RES-CHIP   3.3K   5%   1/16W   R91000   1-234-106-81   RES. NETWORK O   R7970   1-218-998-11   RES-CHIP   3.3K   5%   1/16W   R91000   1-234-106-81   RES. NETWORK O   R7970   1-218-998-11   RES-CHIP   3.3K   5%   1/16W   R91000   1-234-106-81   RES. NETWORK O   R7970   1-2		1-218-989-11	RES-CHIP	1M		1/16W	R9163	1-216-821-11	METAL CHIP	1K		1/10W
R7836   1-218-980-81   SHORT CHIP   2.7K   5%   1/16W   R9160   1-216-821-11   METAL CHIP   10K   5%   1/16W   R7839   1-208-897-11   METAL CHIP   3.9K   0.50%   1/16W   R9160   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9160   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9160   1-216-821-11   METAL CHIP   1K   5%   1/16W   R9177   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9179   1-218-990-81   SHORT CHIP   1K   5%   1/16W   R9179   1-218-990-81   SHORT CHIP   1/16W   R9186   1-218-990-81   SHORT CHIP   1/16W   R9186   1-218-990-81   SHORT CHIP   1/16W   R9180   1-218-990-81   SHORT CHIP   1/16W   R9190   1-224-106-81   RES. NETWORK 0   R9190   1-224-106-81   RES. NETWOR		1-218-957-11	RES-CHIP									1/10W
R7838   1-218-958-11   RES-CHIP   2.7K   5%   1/16W   R9167   1-216-921-11   METAL CHIP   1K   5%   1/16W   R9169   1-216-921-11   METAL CHIP   1K   5%   1/16W   R9177   1-218-90-81   SHORT CHIP   1K   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9178   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9181   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9181   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9184   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   100   1/16W   R9184   1-218-990-81   SHORT CHIP   100   1/16W   R9186   1-218-990-81   SHORT CHIP   100   1/16W   R9187   1-218-990-81   SHORT CHIP   100   1/16W   R9190   1-218-990-81   RES.CHIP   100   1/16W   R9190   1-218-990-81   RES.NETWORK 0   R												1/10W
R7849   1-208-697-11   METAL CHIP   3.9K   0.50% 1/16W   R9169   1-216-821-11   METAL CHIP   1K   5% 1/16W   R9177   1-218-990-81   SHORT CHIP   R7840   1-218-995-81   METAL CHIP   150   0.50% 1/16W   R9178   1-218-990-81   SHORT CHIP   R7843   1-208-663-11   METAL CHIP   150   0.50% 1/16W   R9179   1-218-941-81   RES-CHIP   100   5% 1/16W   R9179   1-218-941-81   RES-CHIP   100   5% 1/16W   R9185   1-218-990-81   SHORT CHIP   R7845   1-218-965-11   RES-CHIP   10K   5% 1/16W   R9185   1-218-990-81   SHORT CHIP   R7847   1-218-941-11   RES-CHIP   10K   5% 1/16W   R9185   1-218-990-81   SHORT CHIP   R7847   1-218-941-11   RES-CHIP   10D   5% 1/16W   R9185   1-218-990-81   SHORT CHIP   R7849   1-208-971-11   METAL CHIP   22K   0.50% 1/16W   R9186   1-216-864-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50% 1/16W   R9190   1-216-864-11   SHORT CHIP   R7852   1-218-958-11   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   SHORT CHIP   R7853   1-218-958-11   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   SHORT CHIP   R7853   1-218-958-11   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   SHORT CHIP   R7853   1-218-958-11   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   SHORT CHIP   R7853   1-218-958-11   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   SHORT CHIP   R7859   1-218-941-81   RES-CHIP   10K   5% 1/16W   R9196   1-218-90-81   RES-CHIP   10K   5% 1/16W   R81001   1-234-106-81   RES. NETWORK 0   R81001   1-234-106-81												
R7840	R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R9167	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7840		1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R9169	1-216-821-11	METAL CHIP			1/10W
R7842   1-218-953-11   RES-CHIP   1K   5%   1/16W   R9179   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R9184   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9186   1-218-990-81   SHORT CHIP   100   5%   1/16W   R9187   1-216-864-11   SHORT CHIP   100   1/16W   R9187   1-216-864-11   SHORT CHIP   100   1/16W   R9190   1-216-864-11   SHORT CHIP   100   1/16W   R9190   1-218-990-81   RES. CHIP   100   1/16W   R9190   1-234-106-81   RES. NETWORK 0			RES-CHIP						SHORT CHIP			
R7843   1-208-663-11   METAL CHIP   150   0.50%   1/16W   R9179   1-218-941-81   RES-CHIP   100   5%   1/16W   R7845   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7847   1-218-941-11   RES-CHIP   10K   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7847   1-218-989-11   RES-CHIP   100   5%   1/16W   R9185   1-218-989-81   SHORT CHIP   R7848   1-218-989-11   RES-CHIP   10M   5%   1/16W   R9186   1-216-864-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP   R7852   1-218-991-11   RES-CHIP   22K   0.50%   1/16W   R9190   1-218-989-81   SHORT CHIP   R7852   1-218-991-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-990-81   SHORT CHIP   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9196   1-218-990-81   SHORT CHIP   R7868   1-208-993-11   RES-CHIP   10K   5%   1/16W   R81001   1-234-106-81   RES-KETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES-KETWORK 0   R7967   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81003   1-234-106-81   RES-KETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81003   1-234-106-81   RES-KETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81003   1-234-106-81   RES-KETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81007   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81001   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81001   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81001   1-234-106-81   RES-KETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81001   1-234-106-81												
R7844   1-208-993-11   METAL CHIP   1.8K   0.50%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7845   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7848   1-218-989-11   RES-CHIP   1M   5%   1/16W   R9186   1-216-864-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9187   1-216-864-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP   R7852   1-218-990-81   RES-CHIP   10K   5%   1/16W   R9190   1-216-864-11   SHORT CHIP   R7852   1-218-995-11   RES-CHIP   10K   5%   1/16W   R9190   1-218-964-11   SHORT CHIP   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9196   1-218-990-81   SHORT CHIP   R7868   1-208-983-11   METAL CHIP   1.8K   0.50%   1/16W   R89196   1-218-90-81   SHORT CHIP   R89196   1-218-90-81   RES-CHIP   R89196   1-218-90-81   RES-CHIP   R89196   1-218-90-81   RES-CHIP   R89196   1-234-106-81   RES, NETWORK 0   R89196   1-234-106-81   RES, NE										100	5%	1/16W
R7845		. 200 000			0.0070	.,					0,0	.,
R7845   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9185   1-218-990-81   SHORT CHIP   R7847   1-218-941-11   RES-CHIP   100   5%   1/16W   R9186   1-216-864-11   SHORT CHIP   R7848   1-218-989-11   RES-CHIP   1M   5%   1/16W   R9187   1-216-864-11   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP   R7851   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R9193   1-216-864-11   SHORT CHIP   R7852   1-218-978-11   RES-CHIP   10K   5%   1/16W   R9193   1-216-864-11   SHORT CHIP   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9196   1-218-990-81   SHORT CHIP   R7868   1-208-993-11   METAL CHIP   1.8K   0.50%   1/16W   R9196   1-218-990-81   SHORT CHIP   R8190-81   SHORT CHIP   SHORT CHIP   R8190-81   SHORT CHIP   R8190-81   SHORT CHIP   R8190-81   SHORT CHIP   SHORT CHIP   SHORT CHIP   R8190-81   SHORT CHIP   SHOR	R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R9184	1-218-990-81	SHORT CHIP			
R7847   1-218-941-11   RES-CHIP   100   5%   1/16W   R9186   1-216-864-11   SHORT CHIP   R7848   1-218-989-11   RES-CHIP   1M   5%   1/16W   R9187   1-216-864-11   SHORT CHIP   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP   SHORT CHIP   R7851   1-218-978-11   RES-CHIP   120K   5%   1/16W   R9190   1-218-864-11   SHORT CHIP   SHORT CHIP   R7852   1-218-978-11   RES-CHIP   120K   5%   1/16W   R9193   1-216-864-11   SHORT CHIP   SHORT C												
R7848   1-218-989-11   RES-CHIP   1M   5%   1/16W   R9190   1-216-864-11   SHORT CHIP   SHORT CHIP   R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP   SHORT CHIP   R7852   1-218-959-11   RES-CHIP   10K   5%   1/16W   R9193   1-216-864-11   SHORT CHIP   SHORT CHIP   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R9196   1-218-990-81   SHORT CHIP   R7868   1-208-893-11   METAL CHIP   1.8K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R87964   1-218-991-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R81002   1-234-106-81   RES, NETWORK 0   R81002   1-234-106-81   RES, NETWORK 0   R81003   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81005   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81005   1-234-106-81   RES, NETWORK 0   R81007   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81007   1-234-106-81   RES, NETWORK 0   R81001   1-234-106-81   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82003   1-238-331-11   METAL CHIP   220   0.50%   1/10W   R82002   1-234-380-2												
R7849   1-208-715-11   METAL CHIP   22K   0.50%   1/16W   R9190   1-216-864-11   SHORT CHIP												
R7851   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R9193   1-216-864-11   SHORT CHIP   R7852   1-218-978-11   RES-CHIP   120K   5%   1/16W   R9196   1-218-90-81   SHORT CHIP   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7868   1-228-93-11   METAL CHIP   1.8K   0.50%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R87965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R87967   1-218-941-81   RES-CHIP   100   5%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R87969   1-228-928-11   METAL CHIP   51K   0.50%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R87971   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81005   1-234-106-81   RES, NETWORK 0   R87972   1-218-969-11   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R87973   1-218-991-11   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R87974   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R87975   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R87975   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R87975   1-218-941-81   RES-CHIP   3.0K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R81007   1-234-106-81   RES, NETWORK 0   R81001   1-234-380-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82003   1-234-380-21   RES, NETWORK 47K (												
R7852   1-218-978-11   RES-CHIP   120K   5%   1/16W   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7868   1-208-983-11   METAL CHIP   1.8K   0.50%   1/16W   R7869   1-218-941-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7967   1-218-941-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7969   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R7970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R7971   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81005   1-234-106-81   RES, NETWORK 0   R7972   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81008   1-234-106-81   RES, NETWORK 0   R7974   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R81011   1-234-106-81   RES, NETWORK 0   R81011   1-234-106-81   RES, NETWORK 0   R81011   1-234-381-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R7978   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82002   1-234-380-21   RES, NETWORK 47K (1005X4)   R7982   1-218-827-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 4	111010	1 200 7 10 11	MEI/IE OF III	ZZIX	0.0070	171011	110100	1210 001 11	OHORRI OHIII			
R7852   1-218-978-11   RES-CHIP   120K   5%   1/16W   R7853   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7868   1-208-983-11   METAL CHIP   1.8K   0.50%   1/16W   R7869   1-218-941-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7967   1-218-941-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7969   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R7970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R7971   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81005   1-234-106-81   RES, NETWORK 0   R7972   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81007   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81008   1-234-106-81   RES, NETWORK 0   R7974   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R81011   1-234-106-81   RES, NETWORK 0   R81011   1-234-106-81   RES, NETWORK 0   R81011   1-234-381-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 0   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R7978   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82002   1-234-380-21   RES, NETWORK 47K (1005X4)   R7982   1-218-827-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 4	R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R9193	1-216-864-11	SHORT CHIP			
R7863   1-218-965-11   RES-CHIP   10K   5%   1/16W   R7868   1-208-893-11   METAL CHIP   1.8K   0.50%   1/16W   R7869   1-218-941-81   RES-CHIP   100   5%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R7964   1-218-969-11   RES-CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7969   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R7969   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R7970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81005   1-234-106-81   RES, NETWORK 0   R7972   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R7974   1-218-941-81   RES-CHIP   3.3K   5%   1/16W   R81008   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R7976   1-208-871-81   METAL CHIP   220   0.50%   1/10W   R82001   1-234-380-21   RES, NETWORK 0   R7979   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7982   1-218-827-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7983   1-218-827-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7983   1-234-383-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7983   1-234-383-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K   (1005X4)   R7983   1-23												
R7868   1-208-893-11   METAL CHIP   1.8K   0.50%   1/16W   R7869   1-218-941-81   RES-CHIP   100   5%   1/16W   R8002   1-234-106-81   RES, NETWORK 0   R7964   1-218-969-11   RES-CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7967   1-218-941-81   RES-CHIP   100   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7969   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R87970   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81004   1-234-106-81   RES, NETWORK 0   R7971   1-218-969-11   RES-CHIP   100   5%   1/16W   R81005   1-234-106-81   RES, NETWORK 0   R7972   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81006   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   R81008   1-234-106-81   RES, NETWORK 0   R7974   1-218-941-81   RES-CHIP   100   5%   1/16W   R81008   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   R81001   1-234-106-81   RES, NETWORK 0   R8701   1-234-380-21   RES, NETWORK 100K (1005X4)   R7979   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R7982   1-218-827-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-234-381-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-234-3831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47							110100	1210 000 01	onorti oniii			
R7869   1-218-941-81   RES-CHIP   100   5%   1/16W   RB002   1-234-106-81   RES, NETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   RB1002   1-234-106-81   RES, NETWORK 0   R7967   1-218-941-81   RES-CHIP   100   5%   1/16W   RB1003   1-234-106-81   RES, NETWORK 0   R7970   1-218-969-11   RES-CHIP   22K   5%   1/16W   RB1004   1-234-106-81   RES, NETWORK 0   R7971   1-218-969-11   RES-CHIP   22K   5%   1/16W   RB1005   1-234-106-81   RES, NETWORK 0   R7972   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   RB1006   1-234-106-81   RES, NETWORK 0   R7973   1-218-959-11   RES-CHIP   3.3K   5%   1/16W   RB1007   1-234-106-81   RES, NETWORK 0   R7974   1-218-941-81   RES-CHIP   100   5%   1/16W   RB1009   1-234-106-81   RES, NETWORK 0   R7975   1-218-941-81   RES-CHIP   100   5%   1/16W   RB1009   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81001   1-234-380-21   RES, NETWORK 100K (1005X4)   R98201   1-234-380-21   RES, NETWORK 47K (1005X4)   R98201   1-234-								RESISTOR RRII	nge			
R7964   1-218-969-11   RES-CHIP   22K   5%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R81002   1-234-106-81   RES, NETWORK 0   R81002   1-234-106-81   RES, NETWORK 0   R81003   1-234-106-81   RES, NETWORK 0   R81003   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81005   1-234-106-81   RES, NETWORK 0   R81005   1-234-106-81   RES, NETWORK 0   R81006   1-234-106-81   RES, NETWORK 0   R81007   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81001   1-234-380-21   RES, NETWORK 100K (1005X4)   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R82003   1-234-380-21   RES, NETWORK 47K (1005X4								KEGIOTOK BIKII	<u> </u>			
R7965   1-208-928-11   METAL CHIP   51K   0.50%   1/16W   R7967   1-218-941-81   RES-CHIP   100   5%   1/16W   R7970   1-218-941-81   RES-CHIP   22K   5%   1/16W   R81003   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81004   1-234-106-81   RES, NETWORK 0   R81005   1-234-106-81   RES, NETWORK 0   R81005   1-234-106-81   RES, NETWORK 0   R81006   1-234-106-81   RES, NETWORK 0   R81006   1-234-106-81   RES, NETWORK 0   R81007   1-234-106-81   RES, NETWORK 0   R81008   1-234-106-81   RES, NETWORK 0   R81009   1-234-106-81   RES, NETWORK 0   R81001   1-234-380-21   RES, NETWORK 100K (1005X4)   R7977   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82001   1-234-380-21   RES, NETWORK 47K (1005X4)   R7982   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R7983   1-218-831-11   METAL CHIP   220   0.50%   1/10W   R82003   1-234-380-21   RES, NETWORK 47K (1005X4)   R798	111000	121001101	1120 01111	100	070	171011	RB002	1-234-106-81	RES, NETWORK 0			
R7965 1-208-928-11 METAL CHIP 51K 0.50% 1/16W R7967 1-218-941-81 RES-CHIP 100 5% 1/16W R7969 1-208-928-11 METAL CHIP 51K 0.50% 1/16W R7970 1-218-969-11 RES-CHIP 22K 5% 1/16W R81003 1-234-106-81 RES, NETWORK 0 R81004 1-234-106-81 RES, NETWORK 0 R81004 1-234-106-81 RES, NETWORK 0 R81004 1-234-106-81 RES, NETWORK 0 R81005 1-234-106-81 RES, NETWORK 0 R81005 1-234-106-81 RES, NETWORK 0 R81006 1-234-106-81 RES, NETWORK 0 R81006 1-234-106-81 RES, NETWORK 0 R81007 1-234-106-81 RES, NETWORK 0 R81007 1-234-106-81 RES, NETWORK 0 R81007 1-234-106-81 RES, NETWORK 0 R81008 1-234-106-81 RES, NETWORK 0 R81008 1-234-106-81 RES, NETWORK 0 R81009 1-234-106-81 RES, NETWORK 0 R81001 1-234-36-81 RES, NETWORK 0 R81001 1-234-36-81 RES, NETWORK 0 R82001 1-234-380-21 RES, NETWORK 1005 RES, NETWORK 47K (1005 RES, NETWORK	R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W	RB1001	1-234-106-81	RES, NETWORK 0			
R7967 1-218-941-81 RES-CHIP 100 5% 1/16W R7969 1-208-928-11 METAL CHIP 51K 0.50% 1/16W R7970 1-218-969-11 RES-CHIP 22K 5% 1/16W R7971 1-218-941-81 RES-CHIP 100 5% 1/16W R7972 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 3.3K 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/16W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R81003 1-234-106-81 RES, NETWORK 0 R81004 1-234-106-81 RES, NETWORK 0 R81005 1-234-106-81 RES, NETWORK 0 R81006 1-234-106-81 RES, NETWORK 0 R81007 1-234-106-81 RES, NETWORK 0 R81007 1-234-106-81 RES, NETWORK 0 R81008 1-234-106-81 RES, NETWORK 0 R81009 1-234-106-81 RES, NETWORK 0 R81000 1-234-106-81 RES, NETW							RB1002	1-234-106-81	RES, NETWORK 0			
R7969 1-208-928-11 METAL CHIP 51K 0.50% 1/16W R7970 1-218-969-11 RES-CHIP 22K 5% 1/16W R7971 1-218-941-81 RES-CHIP 100 5% 1/16W R7972 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/10W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7984 1-234-106-81 RES, NETWORK 0 R81004 1-234-106-81 RES, NETWORK 0 R81005 1-234-106-81 RES, NETWORK 0 R81006 1-234-106-81 RES, NETWORK 0 R81001 1-234-106-81 RES, NETWORK 0 R81011 1-234-106-81 RES, NETWORK 0 R81011 1-234-106-81 RES, NETWORK 0 R81011 1-234-380-21 RES, NETWORK 100K (1005X4) R82001 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4)							RB1003	1-234-106-81	RES, NETWORK 0			
R7970   1-218-969-11   RES-CHIP   22K   5%   1/16W   RB1005   1-234-106-81   RES, NETWORK 0   RB1006   1-234-106-81   RES, NETWORK 0   RB1006   1-234-106-81   RES, NETWORK 0   RB1007   1-234-106-81   RES, NETWORK 0   RB1007   1-234-106-81   RES, NETWORK 0   RB1007   1-234-106-81   RES, NETWORK 0   RB1008   1-234-106-81   RES, NETWORK 0   RB1008   1-234-106-81   RES, NETWORK 0   RB1008   1-234-106-81   RES, NETWORK 0   RB1009   1-234-106-81   RES, NETWORK 0   RB1009   1-234-106-81   RES, NETWORK 0   RB1009   1-234-106-81   RES, NETWORK 0   RB1010   1-234-106-81   RES, NETWORK 0   RB1011   1-234-106-81   RES, NETWORK 0   RB2001   1-234-381-21   RES, NETWORK 100K (1005X4)   RP309   1-218-831-11   METAL CHIP   220   0.50%   1/10W   RB2002   1-234-380-21   RES, NETWORK 47K (1005X4)   RB2003   1-234-380-21   RES, NETWORK 47							RB1004	1-234-106-81	RES, NETWORK 0			
R7971 1-218-941-81 RES-CHIP 100 5% 1/16W R7972 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/10W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4)												
R7972 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/10W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4)	111110	1-210-303-11	INEO-OTIII	ZZIX	3 70	1/1044	RB1005	1-234-106-81	RES, NETWORK 0			
R7972 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7984 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7985 1-218-831-11 METAL CHIP 220 0.50% 1/10W	D7071	1_218_0/1_81	DES CHID	100	50/	1/16\//	RB1006	1-234-106-81	RES, NETWORK 0			
R7973 1-218-959-11 RES-CHIP 3.3K 5% 1/16W R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R81009 1-234-106-81 RES, NETWORK 0  R7976 1-208-871-81 METAL CHIP 220 0.50% 1/16W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R82003 1-234-380-21 RES, NETWORK 47K (1005X4)							RB1007	1-234-106-81	RES, NETWORK 0			
R7974 1-218-941-81 RES-CHIP 100 5% 1/16W R7975 1-218-941-81 RES-CHIP 100 5% 1/16W R7976 1-208-871-81 METAL CHIP 220 0.50% 1/10W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R81010 1-234-106-81 RES, NETWORK 0 R81011 1-234-106-81 RES, NETWORK 0 R82001 1-234-381-21 RES, NETWORK 100K (1005X4) R82002 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4) R82003 1-234-380-21 RES, NETWORK 47K (1005X4)								1-234-106-81				
R7975 1-218-941-81 RES-CHIP 100 5% 1/16W  R7976 1-208-871-81 METAL CHIP 220 0.50% 1/16W  R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W  R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W  R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W  R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W  R8B1010 1-234-106-81 RES, NETWORK 0  R8B1011 1-234-106-81 RES, NETWORK 0  R8B2001 1-234-381-21 RES, NETWORK 100K (1005X4)  R8B2002 1-234-380-21 RES, NETWORK 47K (1005X4)  R8B2003 1-234-380-21 RES, NETWORK 47K (1005X4)  R8B2003 1-234-380-21 RES, NETWORK 47K (1005X4)								1-234-106-81				
R7976 1-208-871-81 METAL CHIP 220 0.50% 1/16W R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W												
R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W	K/9/3	1-210-941-01	KES-CHIP	100	3%	1/1000	RB1010	1-234-106-81	RES, NETWORK 0			
R7977 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W	D7076	1 200 071 01	METAL CUID	220	0.500/	1/16\//			RES, NETWORK 0			
R7979 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W										(1005X4)		
R7982 1-218-827-11 METAL CHIP 150 0.50% 1/10W RB2003 1-234-380-21 RES, NETWORK 47K (1005X4) R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W									•	, ,		
R7983 1-218-831-11 METAL CHIP 220 0.50% 1/10W												
K/YOS 1-210-OS1-11 METAL CHIP 22U U.SU% T/TUW <b>I</b>									-,	,/		
RB2004 1-239-674-81 RESISTOR, NETWORK 100	K/983	1-218-831-11	METAL CHIP	220	0.50%	I/ IUVV	RB2004	1-239-674-81	RESISTOR, NETWORK	K 100		
DD200E 4 224 270 24 DEC NETWORK 22 (400EVA)	D7004	4 040 004 44	METAL OLUB	000	0.500/	4/4014/						
N/304 1-210-031-11 WETAL CHIF 220 0.30/0 1/10W DD2006 4.224.270.24 DEC. NETWORK 22 (400EVA)										. ,		
N/307 1-210-031-11 WETAL CHIF 220 0.30/0 1/10W DD2044 4 220 600 44 DECICTOR NETWORK 40V										. ,		
N/300 1-210-031-11 WEIALGIIF 220 0.30/0 1/10W DD204E 4.220 0.70 04 DECICTOR NETWORK 47												
NS 105 1-2 10-035-11 WILLIAG CHIF 10N 5/6 1/10W							1,00010	1 200 010-01	REGISTOR, NETWORK	× 11		
R9110 1-216-801-11 METAL CHIP 22 5% 1/10W	K9110	1-216-801-11	METAL CHIP	22	5%	1/1UW						



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3017	1-239-674-81	RESISTOR, NETWOR	< 100	RB9106	1-234-524-21	RES, CHIP NETWORK 3	3 (3216)
RB3018	1-239-698-11	RESISTOR, NETWOR		RB9107	1-234-524-21	RES, CHIP NETWORK 3	
RB3021	1-239-674-81	RESISTOR, NETWOR		RB9108	1-234-524-21	RES, CHIP NETWORK 3	
RB3024	1-239-674-81	RESISTOR, NETWOR		RB9109	1-234-524-21	RES, CHIP NETWORK 3	
		·					' '
RB3025	1-239-698-11	RESISTOR, NETWOR	\ IUN	RB9110	1-234-524-21	RES, CHIP NETWORK 3	3 (3216)
RB3026	1-239-670-81	RESISTOR, NETWOR	₹47	RB9111	1-234-524-21	RES, CHIP NETWORK 3	3 (3216)
RB3027	1-239-674-81	RESISTOR, NETWOR	K 100	RB9112	1-234-524-21	RES, CHIP NETWORK 3	3 (3216)
RB4512	1-234-370-21	RES, NETWORK 22	(1005X4)	RB9113	1-234-524-21	RES, CHIP NETWORK 3	' '
RB4513	1-234-370-21	RES, NETWORK 22	(1005X4)	RB9115	1-239-674-81	RESISTOR, NETWORK	,
RB4514	1-234-370-21	RES, NETWORK 22	(1005X4)	1130110	1 200 01 1 01	rizolo rori, riz rirorii	100
1121011	120101021	neo, nemonice	(1000/(1)		VARISTOR		
RB4515	1-234-370-21	RES, NETWORK 22	(1005X4)	\/D4004		\/ADIOTOD	(0115)
RB4516	1-234-370-21	RES, NETWORK 22	(1005X4)	VD1001	1-802-078-11	VARISTOR	(SMD)
RB4517	1-234-370-21	RES, NETWORK 22	(1005X4)	VD1002	1-802-078-11	VARISTOR	(SMD)
RB4518	1-234-370-21	RES, NETWORK 22	(1005X4)	VD1003	1-802-078-11	VARISTOR	(SMD)
RB4519	1-239-674-81	RESISTOR, NETWOR	· ·	VD1004	1-802-078-11	VARISTOR	(SMD)
1010				VD1100	1-804-988-21	VARISTOR, CHIP (	1608)
RB5001	1-239-698-11	RESISTOR, NETWOR		\/D4404	1 004 000 04	VADICTOD CHID /	1600)
RB5002	1-239-670-81	RESISTOR, NETWOR	₹ 47	VD1101	1-804-988-21		1608)
RB5501	1-234-106-81	RES, NETWORK 0		VD1102	1-804-988-21	·	1608)
RB5503	1-234-106-81	RES, NETWORK 0		VD1106	1-802-078-11	VARISTOR	(SMD)
RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)	VD1107	1-802-078-11		(SMD)
		•	,	VD1108	1-802-078-11	VARISTOR	(SMD)
RB5505	1-234-369-21	RES, NETWORK 10	(1005X4)	\/D1100	1 000 070 11	VARISTOR	(CMD)
RB5506	1-234-369-21	RES, NETWORK 10	(1005X4)	VD1109	1-802-078-11		(SMD)
RB5507	1-234-369-21	RES, NETWORK 10	(1005X4)	VD1130	1-804-988-21	•	1608)
RB5508	1-234-369-21	RES, NETWORK 10	(1005X4)	VD1131	1-804-988-21	·	1608)
RB5509	1-234-369-21	RES, NETWORK 10	(1005X4)	VD1132 VD1700	1-804-988-21 1-802-082-11	VARISTOR, CHIP ( VARISTOR	1608) (SMD)
DD5540	4 004 000 04	DEC NETWORK 40	(4005)(4)	VD1700	1-002-002-11	VANISTON	(SIVID)
RB5510 RB7200	1-234-369-21	RES, NETWORK 10	(1005X4)	VD1701	1-802-082-11	VARISTOR	(SMD)
	1-234-795-21	RES, NETWORK 0X4	(2010)	VD1710	1-802-078-11	VARISTOR	(SMD)
RB7201	1-234-795-21	RES, NETWORK 0X4	(2010)	VD1711	1-802-078-11	VARISTOR	(SMD)
RB7202	1-234-795-21	RES, NETWORK 0X4	(2010)	VD1720	1-802-078-11	VARISTOR	(SMD)
RB7204	1-239-674-81	RESISTOR, NETWOR	K 100	VD1721	1-802-078-11		(SMD)
RB7205	1-239-674-81	RESISTOR, NETWOR	<b>₹ 100</b>				
RB7206	1-234-106-81	RES, NETWORK 0	•	VD5002	1-802-078-11	VARISTOR	(SMD)
RB7207	1-234-106-81	RES, NETWORK 0		VD5003	1-802-078-11	VARISTOR	(SMD)
RB7208	1-239-674-81	RESISTOR, NETWOR	< 100	VD5004	1-802-078-11	VARISTOR	(SMD)
RB7605	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5005	1-802-078-11	VARISTOR	(SMD)
ויחוו	1-20 <del>1-</del> 010-21	NEO, NETWORK 22	(1000/17)	VD5006	1-802-078-11	VARISTOR	(SMD)
RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)				
RB7701	1-239-674-81	RESISTOR, NETWOR	K 100	VD5503	1-802-417-11	SURGE ABSORBER	
RB7703	1-233-789-11	RES, NETWORK 10K	(1608)	VD5504	1-802-417-11	SURGE ABSORBER	
RB9021	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5507	1-802-417-11	SURGE ABSORBER	
RB9022	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5510	1-802-417-11	SURGE ABSORBER	
	. 2.2 000 21		(.000/1/)	VD5511	1-802-417-11	SURGE ABSORBER	
RB9023	1-242-963-21	RES, NETWORK 33	(1005X4)	1/25510	4 000 447 44	011005 45005555	
RB9024	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5512	1-802-417-11	SURGE ABSORBER	
RB9025	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5514	1-802-417-11	SURGE ABSORBER	
RB9026	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5515	1-802-417-11	SURGE ABSORBER	
RB9027	1-242-963-21	RES, NETWORK 33	(1005X4)	VD5518	1-802-417-11	SURGE ABSORBER	
1100021							

## BM G1M

REF. NO.	PART NO.	DESCRIPTION	VALUES	<u>s</u>		REF. NO.	PART NO.	DESCRIPTION	VALUI	ES	
VD5520	1-802-417-11	SURGE ABSORBER				C6131	1-115-412-11	CERAMIC CHIP	680pF	5%	25V
VD5522	1-802-417-11	SURGE ABSORBER				C6132	1-107-906-11	ELECT	10µF	20%	50V
VD5523	1-802-417-11	SURGE ABSORBER				C6133	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
VD5524	1-802-417-11	SURGE ABSORBER				C6134	1-107-907-11	ELECT	22µF	20%	50V
VD5526	1-802-417-11	SURGE ABSORBER				C6135	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
VD5527	1-802-417-11	SURGE ABSORBER				C6136	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
						C6137	1-107-910-11	ELECT	100µF	20%	50V
	CRYSTAL					C6138	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
						C6139	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
X3009	1-813-784-21	VIBRATOR, CRYSTAL				C6142	1-104-962-91	ELECT	47μF	20%	35V
X3010	1-767-984-21	VIBRATOR, CRYSTAL							'		
X7200	1-813-761-21	VIBRATOR, CRYSTAL	<u>.</u>			C6143	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
X9100	1-813-546-21	QUARTZ CRISTAL OS	SCILLATOR			C6145	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
						C6146	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
-	1					C6147	1-107-905-11	ELECT	4.7µF	20%	50V
<u>}1</u>	N /I					C6147	1-165-127-11	CERAMIC	4.7μ1 470pF	10%	500
<u>ノ    </u>	IVI					00140	1-100-12/-11	OLIVAIVIIO	41 OhL	10 /0	500
						C6149	1-107-903-11	ELECT	2.2µF	20%	50V
	A-1315-710-A	G1M BOARD, MOU				C6151	1-165-127-11	CERAMIC	470pF	10%	500
	2-409-877-21	WASHER (3X10), RS	TITE SPRING	3		C6152	1-137-807-31	ELECT	100µF	20%	50V
						C6153	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
	CAPACITOR					C6158	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6101	1-113-924-11	CERAMIC	0.0047µF	20%	250V						
C6102	1-119-884-51	CERAMIC	100pF	10%	250V	C6160	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6103	1-119-891-51	CERAMIC	220pF	10%	250V	C6165	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6104	1-117-697-41	CERAMIC	470pF	10%	250V	C6166	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6105	1-117-037-41	MYLAR	470μF	10 / 0	275V	C6201	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C0103	1-103-329-11	WITCAN	υ.ΖΖμΓ	10	2130	C6202	1-112-208-21	ELECT	470µF	20%	6.3\
C6106	1-165-529-11	MYLAR	0.22µF	10	275V				·		
C6107	1-119-884-51	CERAMIC	100pF	10%	250V	C6203	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6108	1-119-891-51	CERAMIC	220pF	10%	250V	C6204	1-112-254-21	ELECT	1000µF	20%	35V
C6109	1-117-697-41	CERAMIC	470pF	10%	250V	C6205	1-112-254-21	ELECT	1000µF	20%	35V
C6110	1-113-924-11	CERAMIC	0.0047µF		250V	C6206	1-112-835-11	ELECT	3300µF	20%	25V
00110	1-110-52-11	OLIVAINIO	0.00+1μ1	2070	200 V	C6208	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6111	1-117-699-11	CERAMIC	0.001µF	99%	250V						
C6112	1-162-966-11	CERAMIC CHIP	0.0022µF		50V	C6210	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C6114	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	C6212	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C6115	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	C6251	1-112-208-21	ELECT	470µF	20%	6.3\
C6117	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V	C6252	1-112-242-21	ELECT	1500µF	20%	25V
00111	1 107 020 11	OLIV WIIO OTIII	υ. 17 μι	1070	101	C6254	1-117-699-11	CERAMIC	0.001µF	99%	250
C6119	1-107-875-91	ELECT	220µF	20%	10V						
C6121	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V	C6255	1-137-198-81	FILM	1μF	5%	50V
C6122	1-107-906-11	ELECT	10μF	20%	50V	C6256	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C6123	1-165-127-11	CERAMIC	470pF	10%	500V	C6257	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6124	1-165-127-11	CERAMIC	470pF	10%	500V	C6258	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
JUIE !	1 100 121 11	JEI V 111110	561	. 5 /0		C6259	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C6125	1-165-127-11	CERAMIC	470pF	10%	500V						
C6126	1-165-127-11	CERAMIC	470pF	10%	500V	C6260	1-112-222-21	ELECT	2200µF	20%	10V
	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C6261	1-112-222-21	ELECT	2200µF	20%	10V
C6127											
C6127 C6129	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V						



REF	. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES	
		CONNECTOR					D6205	6-501-319-01	DIODE	FCQ10A06	
ONG	2404	4 005 045 44	TAR (OONTAOT)				D6206	6-500-555-01	DIODE	MM3Z27VT1	
	3101	1-695-915-11	TAB (CONTACT)	NACO)			D6209	8-719-081-97	DIODE	MMDL914T1	
	3102	1-580-843-11	PIN, CONNECTOR (PC	,	400						
* CN6		1-785-708-11	PIN, CONNECTOR (PC	,	12P		D6210	8-719-082-03	DIODE	MM3Z15VT1	
CINC	3202	1-793-236-11	PIN, CONNECTOR (PC	BOARD)	14P		D6211	6-501-319-01	DIODE	FCQ10A06	
		21025					D6212	8-719-312-10	DIODE	RU4AM-T3	
		DIODE					ET6101	1-537-770-21	TERMINAL BOARD, G	ROUND	
D61	01	8-719-510-53	DIODE	D4SB60L							
D61		8-719-081-97	DIODE	MMDL914T1				<u>IC</u>			
D61		6-500-567-01	DIODE	10ERB20-TA1B2			100404	0.700.400.04	10	EVECOVINI DA TEV	
D61		6-500-567-01	DIODE	10ERB20-TA1B2			IC6101	6-709-192-01	IC	FA5501AN-D1-TE1	
D61		8-719-081-97	DIODE	MMDL914T1			IC6104	6-707-749-01	IC	CXD9841P	
							IC6105	6-708-801-01	IC	MIP2H2	
D61	06	8-719-081-97	DIODE	MMDL914T1			IC6201	6-709-155-01	IC	TS3431BILT	
D61		8-719-027-76	DIODE	1SS357-TPH3			IC6203	6-700-898-01	IC	PQ05RD21J00H	
D61		8-719-081-97	DIODE	MMDL914T1							
D61		8-719-054-59	DIODE	FSF05A60				CHIP CONDUCT	<u>OR</u>		
D61		8-719-976-99	DIODE	DTZ5.1B			JR6239	1-216-864-11	SHORT CHIP		
D61	11	8-719-081-97	DIODE	MMDL914T1				IC LINK			
D61	12	6-500-335-01	DIODE	MC2838-T112-1							
D61	13	8-719-081-97	DIODE	MMDL914T1			PS6201	1-533-597-41	IC LINK	5A 90V	
D61	14	8-719-081-97	DIODE	MMDL914T1			PS6202	1-533-597-41	IC LINK	5A 90V	
D61	15	8-719-081-97	DIODE	MMDL914T1			PS6203	1-533-596-21	IC LINK	4A 90V	
△ D61		6-501-906-01	DIODE	11EQS03LN-TB5				<u>TRANSISTOR</u>			
D61		8-719-027-76	DIODE	1SS357-TPH3			Q6102	8-729-141-48	TRANSISTOR	2SB624-BV345	
D61		6-500-448-11	DIODE	D1NF60-TA		$\Lambda$	Q6103	6-551-303-01	TRANSISTOR	2SK3683-01MR-F111	
△ D61		6-501-906-01	DIODE	11EQS03LN-TB5			Q6104	8-729-045-62	TRANSISTOR	2SK2158-T2B	
D61	22	8-719-082-03	DIODE	MM3Z15VT1			Q6105	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
							Q6106	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
D61		8-719-056-83	DIODE	UDZ-TE-17-6.8B							
D61		8-719-081-97	DIODE	MMDL914T1			Q6107	8-729-920-79	TRANSISTOR	2SB1132-T100-QR	
D61		6-501-297-11	DIODE	1F6G-TA26			Q6108	8-729-027-43	TRANSISTOR	DTC114EKA-T146	
D61		8-719-081-97	DIODE	MMDL914T1		$\triangle$	Q6109	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,	Q
D61	33	6-501-450-11	DIODE	11EFS4-TB5			Q6110	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,	
							Q6111	8-729-045-62	TRANSISTOR	2SK2158-T2B	
D61		6-501-822-11	DIODE	10ERB60-TB5							
D61		6-500-600-01	DIODE	MM3Z3V3T1			Q6112	8-729-045-62	TRANSISTOR	2SK2158-T2B	
△ D61		8-719-931-47	DIODE	HZS27NTD			Q6201	8-729-045-62	TRANSISTOR	2SK2158-T2B	
D61		6-500-021-01	DIODE	MM3Z4V7ST1			Q6202	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
D61	38	8-719-081-97	DIODE	MMDL914T1			Q6203	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
	00	0.500.507.07	DIODE	4055500							
D61		6-500-567-21	DIODE	10ERB20-TB5				RESISTOR			
D61		6-500-021-01	DIODE	MM3Z4V7ST1			D015:				
D61		8-719-081-97	DIODE	MMDL914T1		<u> </u>	R6101	1-240-251-92	METAL	6.8 5% 10	
D62		8-719-200-31	DIODE	21DQ05			R6102	1-240-576-21	METAL CHIP		10W
D62	202	8-719-082-75	DIODE	FCH08A10			R6103	1-240-576-21	METAL CHIP		10W
							R6106	1-218-877-11	METAL CHIP	18K 0.50% 1/	
D62		8-719-082-75	DIODE	FCH08A10			R6107	1-216-073-91	RES-CHIP	10K 5% 1/	10W
D62	204	6-501-319-01	DIODE	FCQ10A06							
						1					



REF. NO.	PART NO.	DESCRIPTION	VALU	ES		REF. NO.	PART NO.	DESCRIPTION	VALU	JES	
R6108	1-240-576-21	METAL CHIP	470K	1%	1/10W	R6161	1-249-425-11	CARBON	4.7K	5%	1/4W
R6109	1-240-576-21	METAL CHIP	470K	1%	1/10W	R6162	1-211-989-11	METAL CHIP	68	0.50%	
R6113	1-215-869-11	METAL OXIDE	1K	5%	1W	R6163	1-211-985-11	METAL CHIP	47	0.50%	
R6114	1-216-077-91	RES-CHIP	15K	5%	1/10W	R6165	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R6115	1-249-397-11	CARBON	22	5%	1/4W	R6166	1-249-426-11	CARBON	5.6K	5%	1/4W
		0, 11, 12, 01, 1		0,0	.,			57 ii 12 5 1 1	0.0.1	0,0	
R6117	1-216-817-11	METAL CHIP	470	5%	1/10W	R6167	1-247-791-91	CARBON	22	5%	1/4W
R6118	1-216-851-11	METAL CHIP	330K	5%	1/10W	R6168	1-216-009-91	RES-CHIP	22	5%	1/10W
R6119	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6169	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6120	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6121	1-249-397-11	CARBON	22	5%	1/4W	R6171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6122	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6172	1-218-642-11	METAL OXIDE	100K	5%	1W
R6124	1-216-809-11	METAL CHIP	100	5%	1/10W	R6173	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6125	1-216-001-00	RES-CHIP	10	5%	1/10W	R6175	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6127	1-215-882-00	METAL OXIDE	22	5%	2W	R6178	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6128	1-216-801-11	METAL CHIP	22	5%	1/10W	R6179	1-216-821-11	METAL CHIP	1K	5%	1/10W
N0120	1-210-001-11	WETAL OTHE	22	J /0	1/1000	Kulla	1-210-021-11	WETAL CHIP	IIV	J /0	1/1000
R6129	1-215-882-00	METAL OXIDE	22	5%	2W	R6180	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6130	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R6181	1-249-397-11	CARBON	22	5%	1/4W
R6131	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R6183	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6132	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R6185	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R6133	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R6186	1-216-105-91	RES-CHIP	220K	5%	1/10W
R6134	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	R6187	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6135	1-208-804-11	METAL CHIP	8.2K		1/10W	R6188	1-208-854-11	METAL CHIP	1M	0.50%	
R6136	1-216-635-11	METAL CHIP	220		1/10W	R6189	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6137	1-210-055-11	METAL CHIP	1M		1/10W	R6190	1-249-385-11	CARBON	2.2	5%	1/4W
R6138	1-208-854-11	METAL CHIP	1M		1/10W	R6191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6139	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6192	1-247-289-00	METAL	8.2M	5%	1W
R6140	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6201	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6141	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	R6202	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6142	1-216-685-11	METAL CHIP	27K	0.50%	1/10W	R6203	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6144	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6204	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6145	1-247-903-00	CARBON	1M	5%	1/4W	R6207	1-216-817-11	METAL CHIP	470	5%	1/10W
R6146	1-247-303-00	METAL CHIP	330K	5%	1/40V 1/10W	R6208	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	1-202-933-61	FUSIBLE	0.1	10%	1/10W	R6209	1-218-885-11	METAL CHIP	39K	0.50%	
R6148	1-249-385-11	CARBON	2.2	5%	1/4W	R6210	1-218-871-11	METAL CHIP	10K	0.50%	
R6149			2.2K	5%				METAL CHIP			
K0149	1-216-825-11	METAL CHIP	Z.ZN	3%	1/10W	R6211	1-218-867-11	METAL CHIP	6.8K	0.50%	1/1000
R6150	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6151	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6213	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6152	1-218-872-11	METAL CHIP	11K	0.50%	1/10W	R6214	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6153	1-216-864-11	SHORT CHIP				R6215	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6154	1-218-886-11	METAL CHIP	43K	0.50%	1/10W	R6218	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6155	1-218-903-11	METAL CHIP	220K	n 5n%	1/10W	R6219	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6157	1-249-429-11	CARBON	10K	5%	1/4W	R6220	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6158	1-249-429-11	CARBON	10K	5% 5%	1/4VV 1/4W	R6221	1-216-825-11	METAL CHIP	2.2K	5% 5%	1/10W
R6159			10K	5% 5%	1/4 VV 1/10W	1			2.2K 10K		1/10W
	1-216-833-11	METAL CHIP				R6222	1-216-073-91	RES-CHIP		5% 5%	
R6160	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6223	1-216-833-11	METAL CHIP	10K	5%	1/10W

## G1M HM1 HM3

	REF. NO.	PART NO.	DESCRIPTION	VALU	JES			REF. NO.	. PART NO.	DESCRIPTION	VAL	UES	
	R6224	1-216-837-11	METAL CHIP	22K	5%	1/10W	In						
	R6225	1-216-821-11	METAL CHIP	1K	5%	1/10W	H	HIVI	1.31				
	R6226	1-216-833-11	METAL CHIP	10K	5%	1/10W	╵╙	- I I V I					
	R6230	1-249-385-11	CARBON	2.2	5%	1/4W							
	R6232	1-247-807-31	CARBON	100	5%	1/4W			A-1268-472-A	HM3 BOARD, MO	UNTED		
	R6235	1-208-814-91	METAL CHIP	22K	0.50%	1/10W			CAPACITOR				
	R6237	1-215-871-11	METAL OXIDE	2.2K	5%	1W		C220	1 110 701 11	CERAMIC CHIP	1⊏	100/	101/
								C320 C322	1-112-781-11		1µF	10%	10V
		RELAY							1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
		<u></u>						C323	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
	RY6101	1-755-488-11	RELAY	(LKP1A	F-18V)			C401 C402	1-162-960-11 1-100-909-11	CERAMIC CHIP CERAMIC CHIP	220pF 10µF	10% 10%	50V 6.3V
		VARISTOR						0.102	1 100 000 11	ozna amio onii	TOPI	1070	0.0 4
	VD6101	1-804-996-21	VARISTOR						CONNECTOR				
	VD6102	1-804-996-21	VARISTOR				*	CN301		HEADED ACCEMBLY	/ /DDINT DM	/D\	
Ī.	<u> </u>	1						CNSUT	1-820-287-11	HEADER ASSEMBLY	(PRINT PV	/D)	
L	IIV								DIODE				
		A-1268-471-A	HM1 BOARD, MO	UNTED				D305	8-719-085-26	DIODE		HR/SYG-	D-T
								D308	8-719-053-07	DIODE	SML-31	0MTT86	
		CONNECTOR							<u>IC</u>				
*	CN101	1-820-180-11	HEADER ASSEMBLY	(PRINT PV	VB)			IC320	6-600-447-01	IC	TPS853	(SONY)	
		RESISTOR						IC401	6-600-502-01	HIC	GP1UE	26RK0VF	-
	R101	1-218-827-11	METAL CHIP	150	0.50%	1/10W			TRANSISTOR				
	R102	1-218-831-11	METAL CHIP	220	0.50%	1/10W		0000	0.700.000.00	TDANIOIOTOD	DTO44	ITIIA T40	10
	R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W		Q303	8-729-028-96	TRANSISTOR		EUA-T10	
	R104	1-218-841-11	METAL CHIP	560	0.50%	1/10W		Q304	8-729-028-96	TRANSISTOR		EUA-T10	
	R105	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W		Q320	6-551-699-01	TRANSISTOR	ISA1602	2AM1TP-	1EF
	R107	1-216-864-11	SHORT CHIP						RESISTOR				
								R303	1-216-815-11	METAL CHIP	330	5%	1/10W
		<u>SWITCH</u>						R304	1-216-819-11	METAL CHIP	680	5%	1/10W
	S101	1-572-595-11	SWITCH, TACTILE (F	REELOW TV	/DE\			R305	1-216-815-11	METAL CHIP	330	5%	1/10W
	S102	1-572-595-11	SWITCH, TACTILE (F					R307	1-216-864-11	SHORT CHIP			
	S102	1-572-595-11	SWITCH, TACTILE (F					R308	1-216-864-11	SHORT CHIP			
			SWITCH, TACTILE (F		,								
	S104	1-572-595-11			,			R321	1-216-839-11	METAL CHIP	33K	5%	1/10W
	S105	1-572-595-11	SWITCH, TACTILE (F	KELLOW IX	rc)			R322	1-216-821-11	METAL CHIP	1K	5%	1/10W
	0400	4 570 505 44	CIAUTOU TAOTU E (		(DE)			R323	1-216-833-11	METAL CHIP	10K	5%	1/10W
	S106	1-572-595-11	SWITCH, TACTILE (F		,			R325	1-216-849-11	METAL CHIP	220K	5%	1/10W
	S107	1-572-595-11	SWITCH, TACTILE (F	KEFLOW IY	re)			R326	1-216-849-11	METAL CHIP	220K	5%	1/10W
								R327	1-216-864-11	SHORT CHIP			
								R328	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
								R401	1-216-817-11	METAL CHIP	470	5%	1/10W
								R402	1-216-805-11	METAL CHIP	47	5%	1/10W



REI	F. NO.	PART NO.	DESCRIPTION	VALUE	s		RF	F. NO.	PART NO.	DESCRIPTION	VALUES
							T		ACCESSORIES		
ш	NI										
	<u> </u>								X-2186-601-1	BAG ASSEMBLY, RUD	
										(Contains Items Below)	
	Α	-1268-473-A	UM BOARD, MOUN	ITED					X-2186-603-1	LOCK ASSEMBLY, RU	, ,
									2-593-320-02	SCREW, CION (M6X18	•
		<u>CAPACITOR</u>							2-580-663-01	SCREW, WOOD 3.8X2	0
C20	03	1-216-864-11	SHORT CHIP				*		0.070.000.04	DAO DOOTEOTION	
C20		1-100-912-11	CERAMIC CHIP	1µF	10%	25V	"		2-678-263-01	BAG, PROTECTION	20 ONI V
C20		1-100-912-11	CERAMIC CHIP	1μF	10%	25V	*		0.670.064.04	(KDL-26M3000/26ML1	30 ONLY)
C21		1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V			2-678-264-01	BAG, PROTECTION	20 ONLV
-	. •	02 00	<b>3_</b> 1,1,1,1,1,0,0,1,1,1	0.00.	, ,		*		2 242 747 04	(KDL-32M3000/32ML13 BAG, PROTECTION (S	,
		CONNECTOR							3-213-717-01	(KDL-26M3000/26ML1	•
		<u> </u>								(NDL-201913000/20191L 1-	OU OINLT)
* CN:		1-819-928-11	HEADER ASSENBLY	20P			*		3-213-713-01	CARTON, INDIVIDUAL	
CN	202	1-695-915-11	TAB (CONTACT)						J-2 1J-7 1J-0 1	(KDL-26M3000/26ML1	
							*		3-213-429-01	CARTON, INDIVIDUAL	,
		DIODE							0 2 10 420 01	(KDL-32M3000/32ML1	
D20	nΔ	8-719-423-03	DIODE	MA8100					2-595-155-02	CLAMP	ou oner)
ET2		1-780-482-11	EARTH TERMINAL	WIACTOO					2 000 100 02	OL/ WII	
ET2		1-780-482-11	EARTH TERMINAL				*		3-213-715-01	CUSHION, LOWER	
		1700 102 11	E/II/III/III/III/III						0 2 10 1 10 0 1	(KDL-26M3000/26ML1	30 ONLY)
		<u>JACK</u>					*		3-213-428-01	CUSHION, LOWER	,
		<u>orton</u>								(KDL-32M3000/32ML1	30 ONLY)
J20	)1	1-819-356-21	PHONO JACK	3P			*		3-213-714-01	CUSHION, UPPER	,
J20	)2	1-815-325-11	JACK							(KDL-26M3000/26ML1	30 ONLY)
							*		3-213-427-01	CUSHION, UPPER	•
		RESISTOR								(KDL-32M3000/32ML1	30 ONLY)
R21	11	1-216-864-11	SHORT CHIP								
R21		1-216-857-11	METAL CHIP	1M	5%	1/10W			3-213-438-11	GUIDE, QUICK SETUP	(ENGLISH VERSION)
R21		1-216-825-11	METAL CHIP	2.2K	5%	1/10W			3-213-438-21	GUIDE, QUICK SETUP	(FRENCH VERSION)
R21		1-216-857-11	METAL CHIP	1M	5%	1/10W			3-213-438-31	GUIDE, QUICK SETUP	(SPANISH VERSION)
R21		1-216-825-11	METAL CHIP	2.2K	5%	1/10W			3-213-437-11		ON (ENGLISH VERSION)
					- , •				3-213-437-21		ON (FRENCH VERSION)
R21	18	1-216-864-11	SHORT CHIP						3-213-437-31	MANUAL, INSTRUCTION	ON (SPANISH VERSION)
R21		1-216-864-11	SHORT CHIP								
R22	20	1-216-864-11	SHORT CHIP						MISCELLANEOU	<u>JS</u>	
									1-469-089-11	FILTER, CLAMP (FERF	RITE CORE)
		VARISTOR								(KDL-32M3000/32ML1	
\/D/	004	1 004 000 04	VADIOTOD OLUD	(4000)			*		1-400-052-11	FILTER, CLAMP (FER	,
VD:		1-804-988-21	VARISTOR, CHIP	(1608)					2-580-602-01	SCREW, +PSW M4X12	,
	202	1-804-988-21	VARISTOR, CHIP	(1608)						(KDL-26M3000/26ML1	
VD:		1-804-988-21	VARISTOR, CHIP	(1608)					1-910-036-30	WIRE ASSEMBLY, FAS	,
VD2 VD2		1-804-988-21 1-804-988-21	VARISTOR, CHIP VARISTOR, CHIP	(1608)							
۷۵۷	200	1-00 <del>4</del> -300-21	VAINIOTOR, CHIE	(1608)					REMOTE COMM	ANDER	
											-D /DM VD004)
									1-480-266-11	REMOTE COMMANDE	,
							1 (		9-885-099-05	BATTERY COVER (for	NIVI- I DUZ I)

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

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## **APPENDIX A: ENCRYPTION KEY COMPONENTS**

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a a.
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.
- 5) If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:
  - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.
  - b) and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service\_Promotion@am.sony.com.